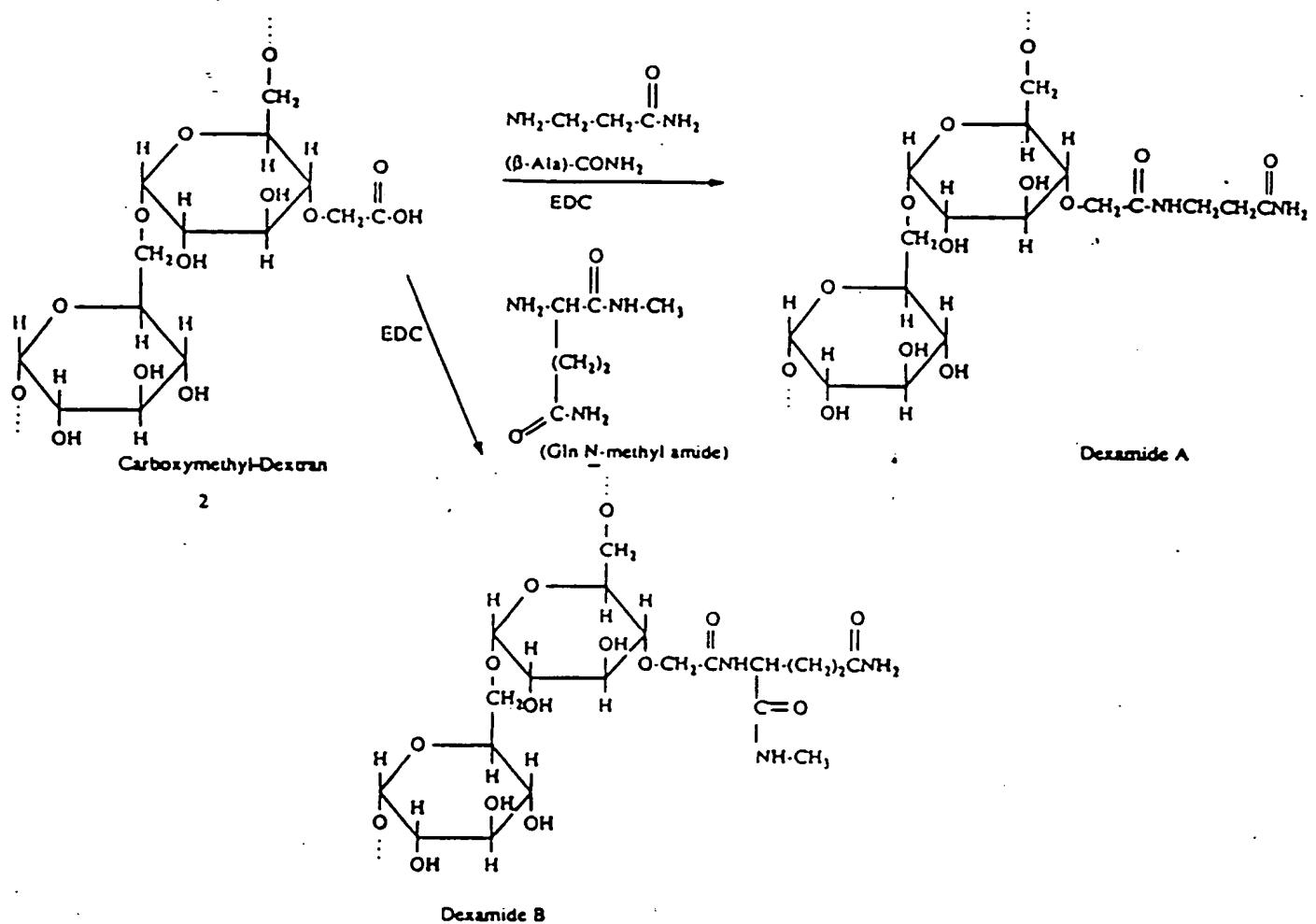


Figure 1



Then:

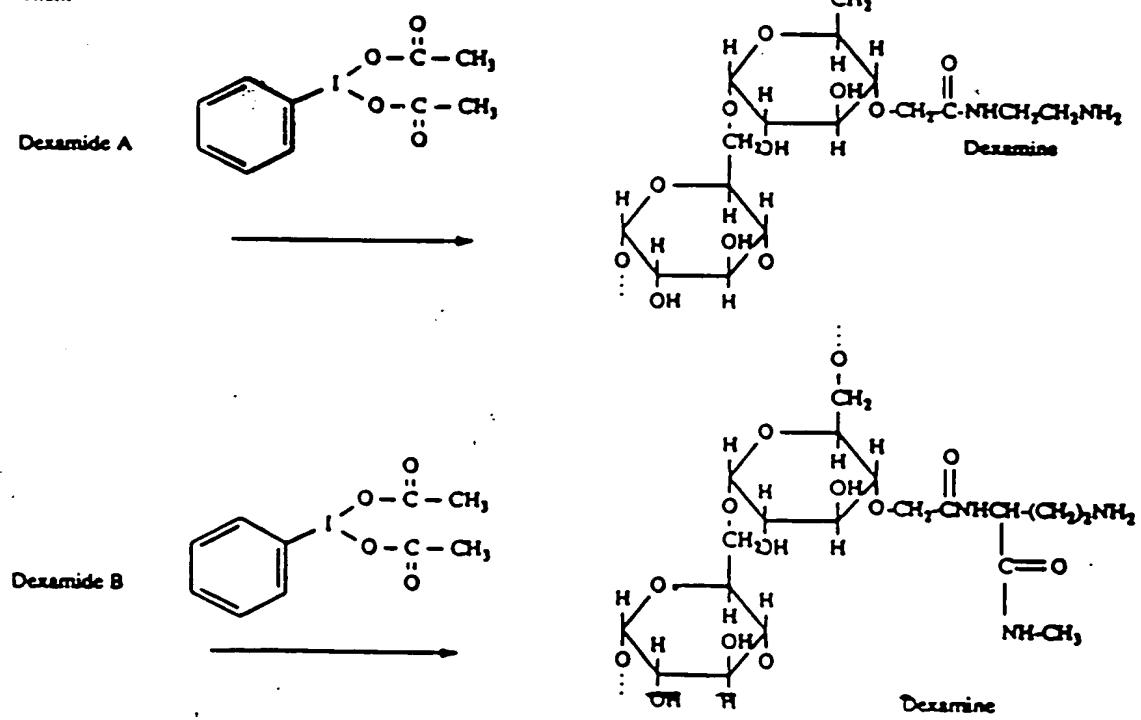


Figure 2

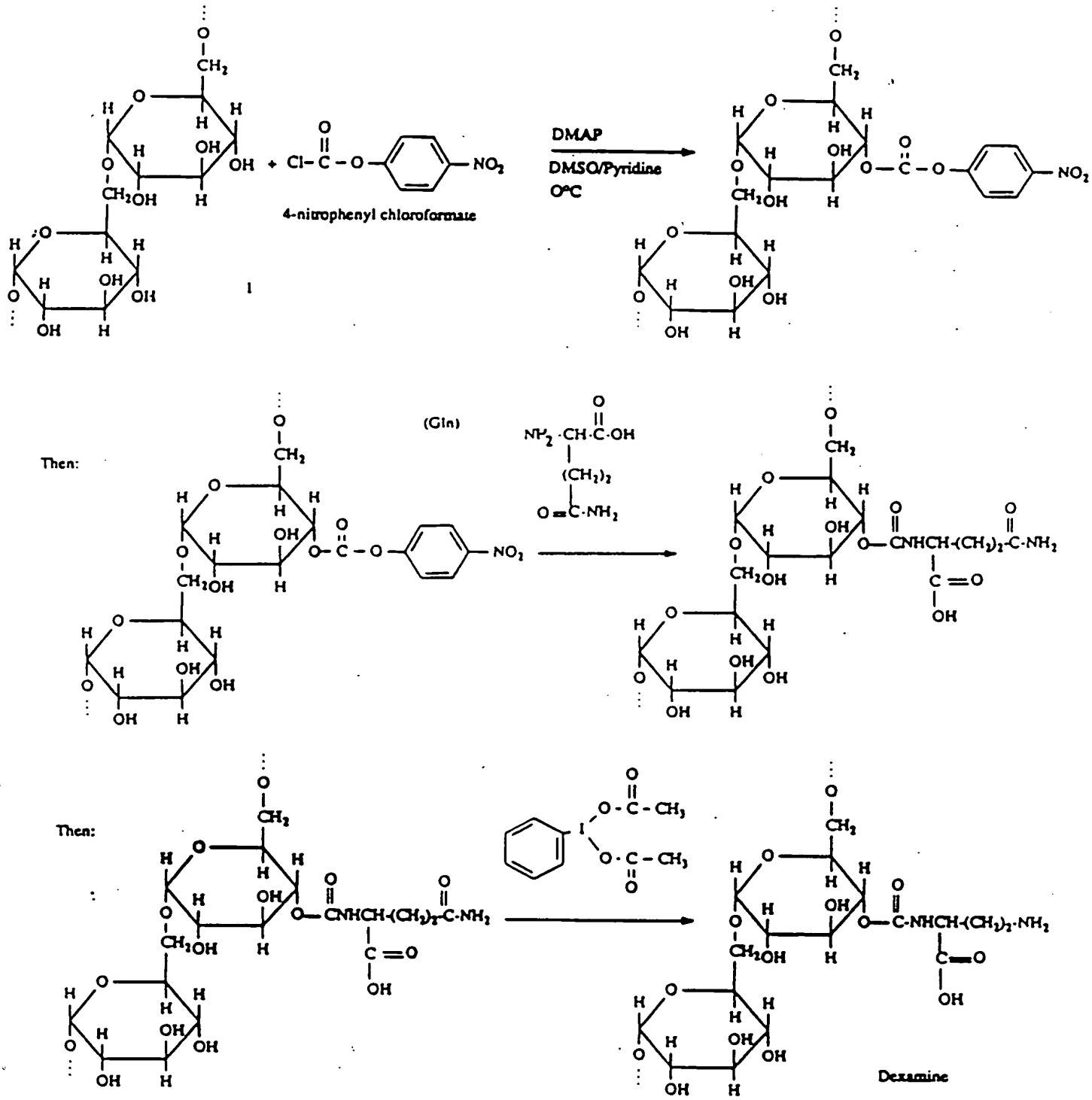


Figure 3

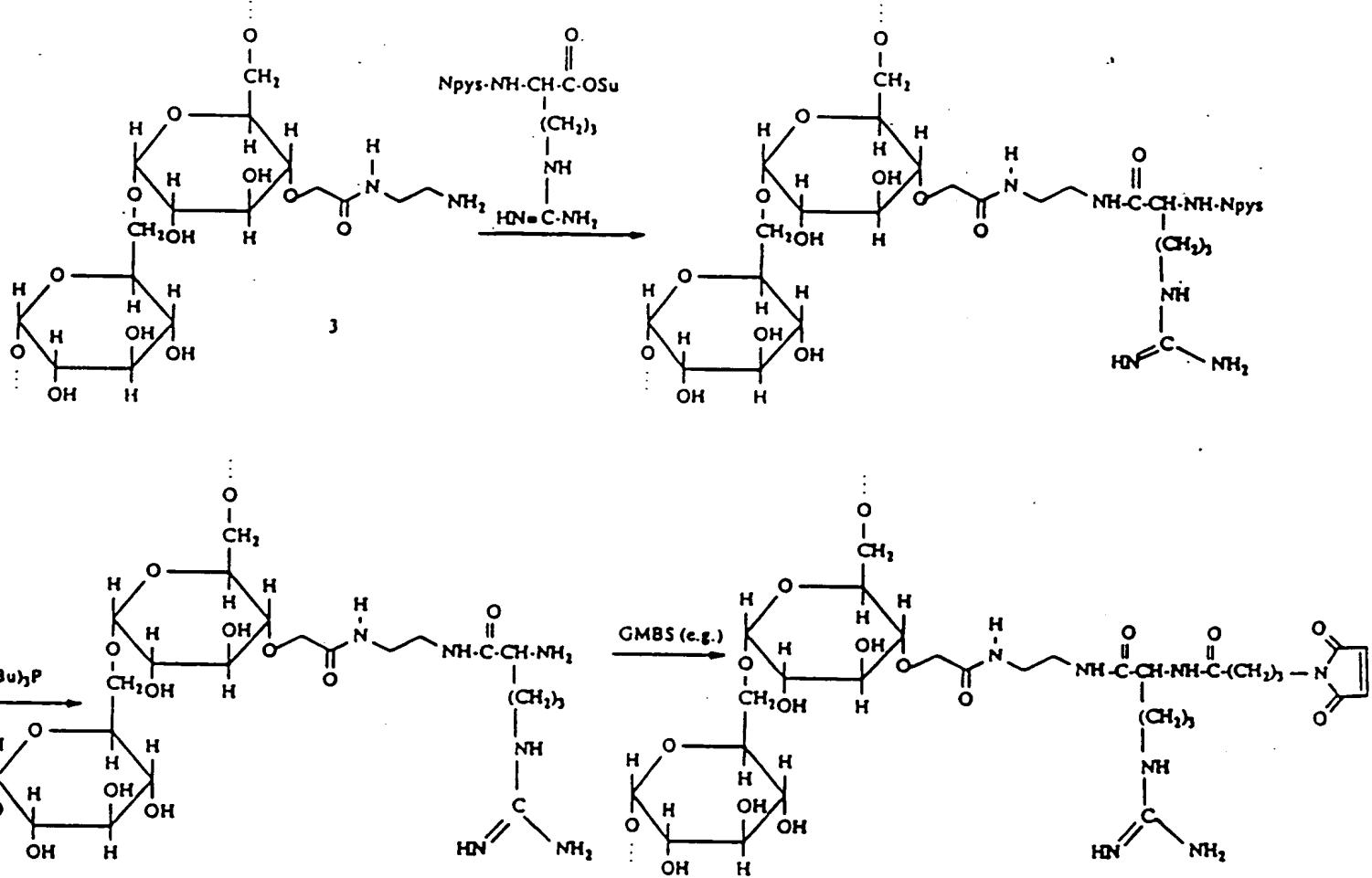


Figure 4

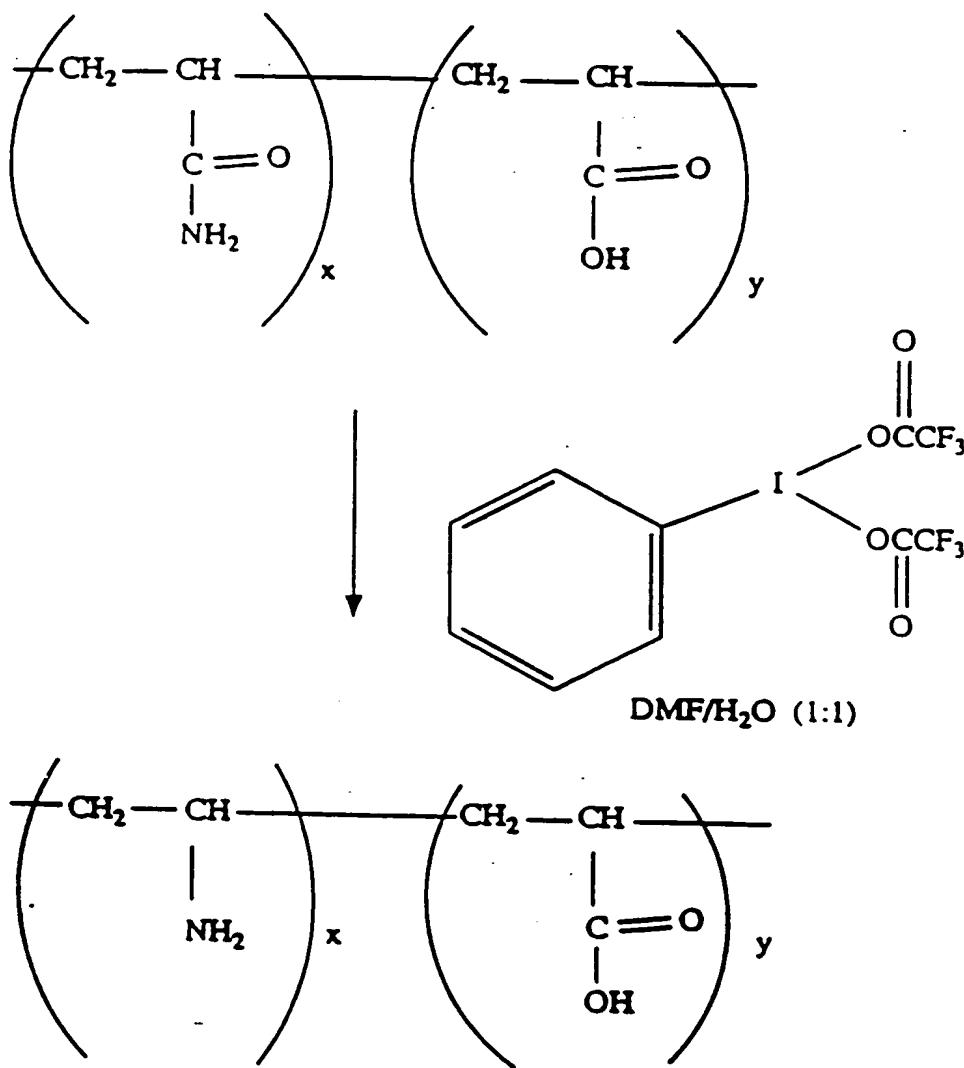
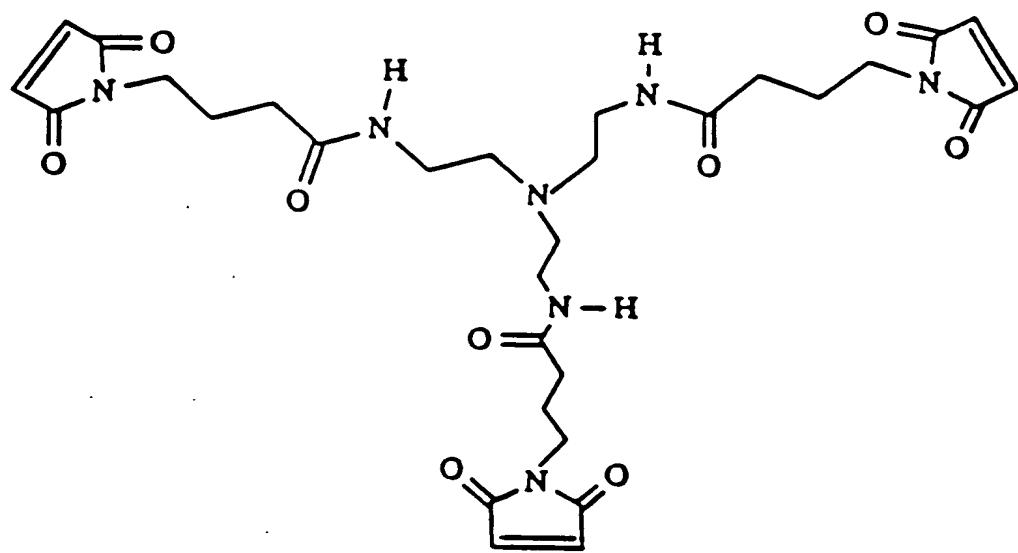
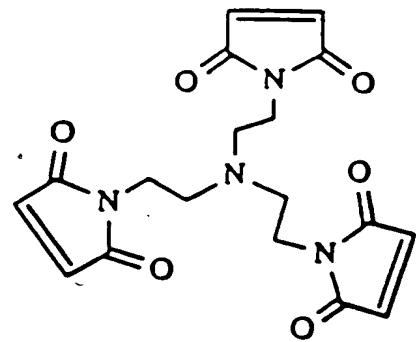


Figure 5

Trimer:



Tetramer:

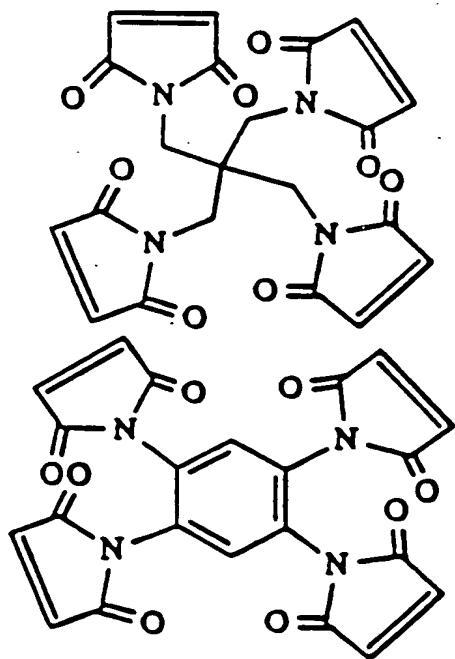


Figure 4

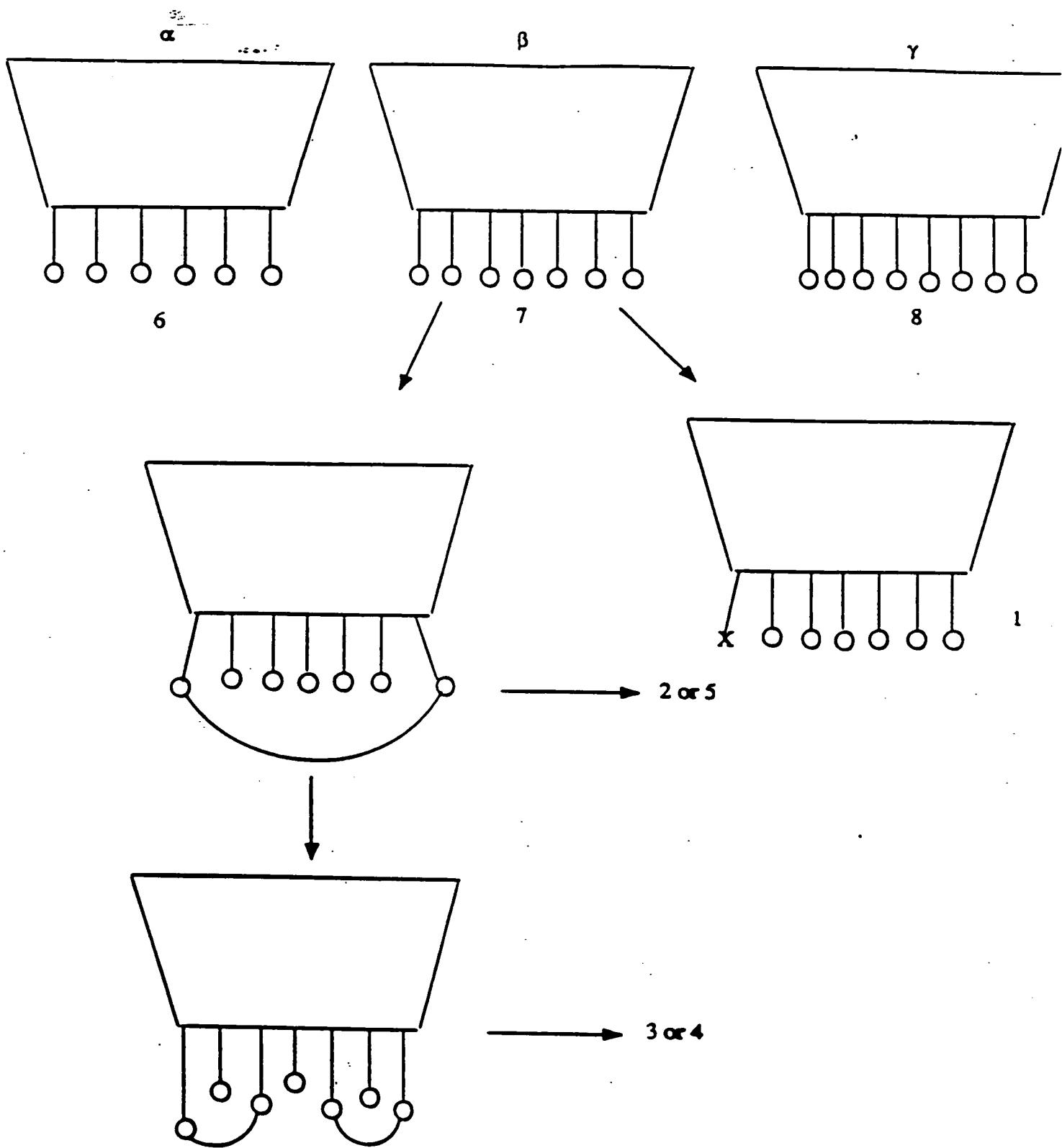


Figure 7

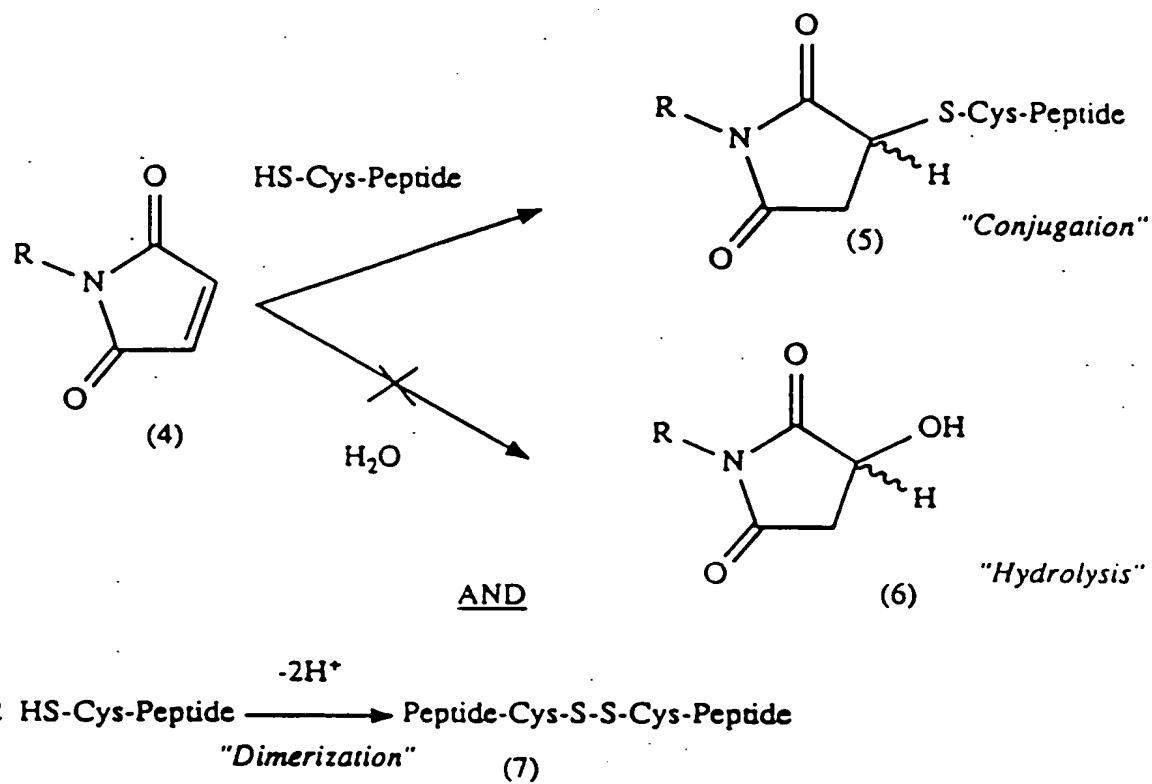


Figure 8

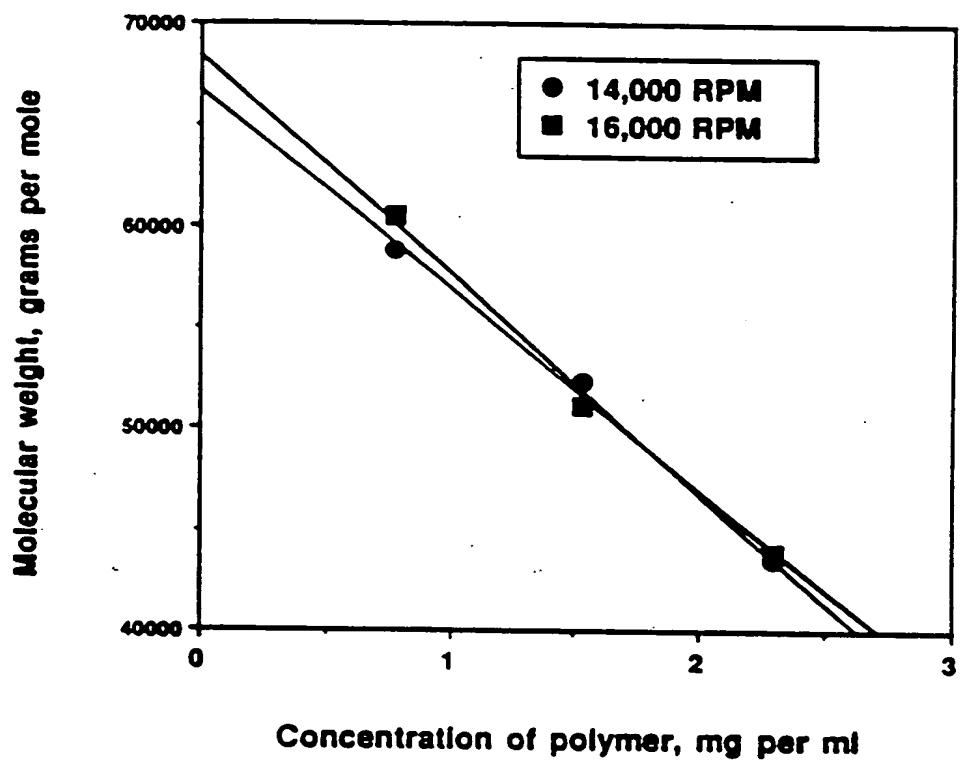


Figure 9

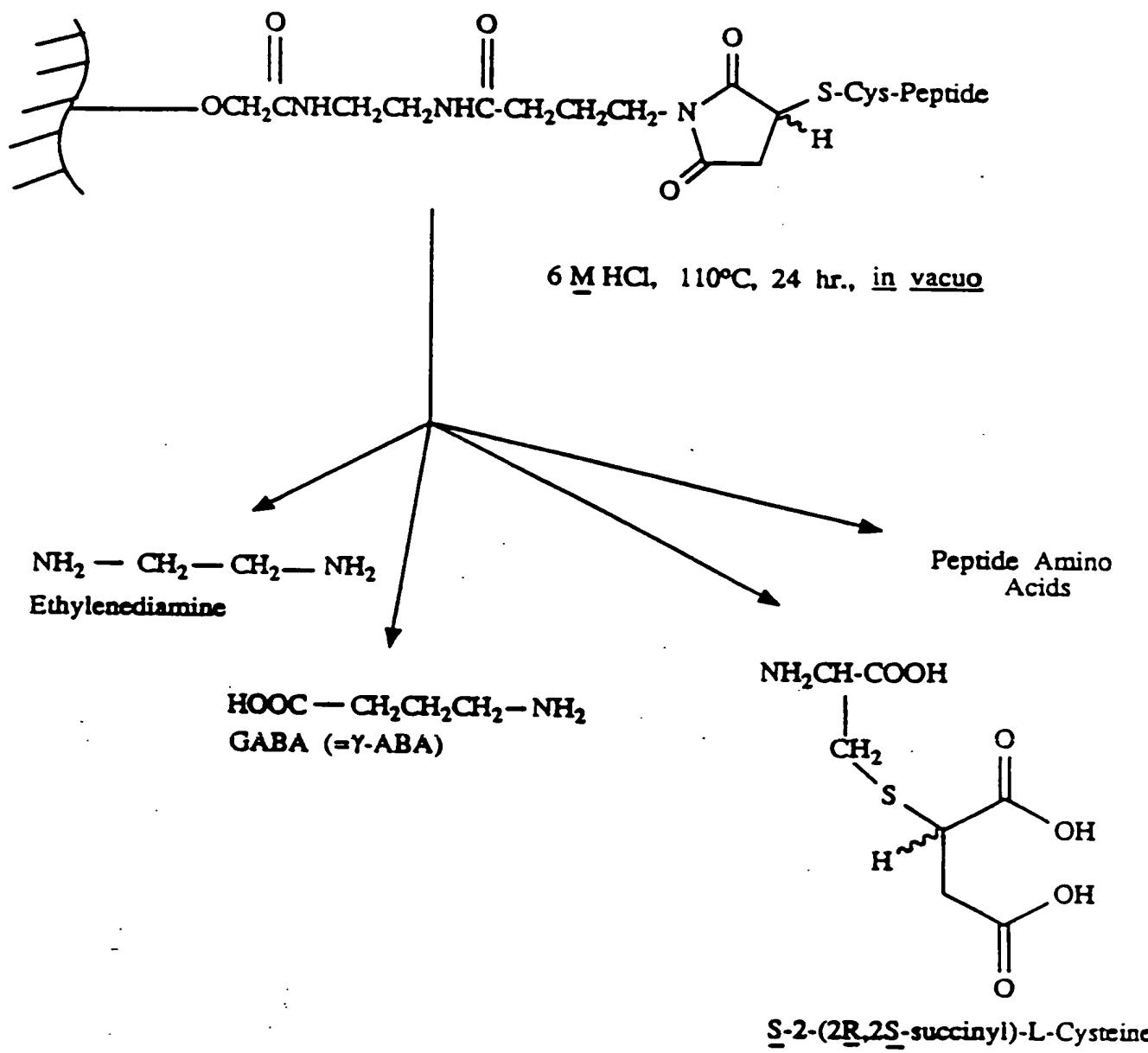
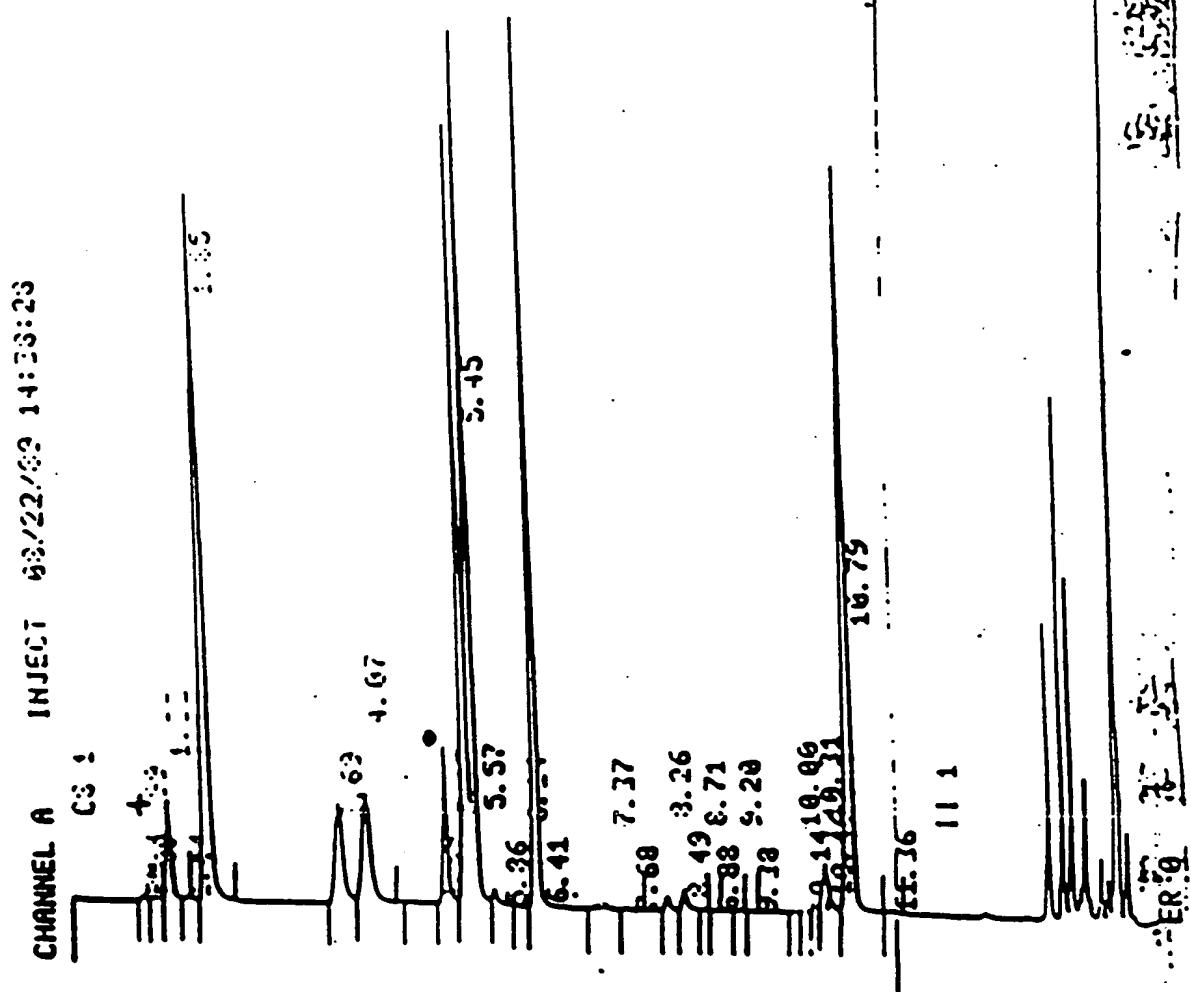


Figure 10



Conjugate Peptide Subsaturation Density Equation

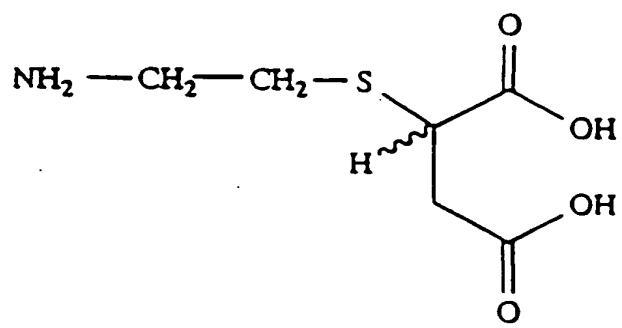
No molecules peptide/molecule dexamine

= pmoles peptide via AAA
pmoles Dexamine(=Backbone) via AAA

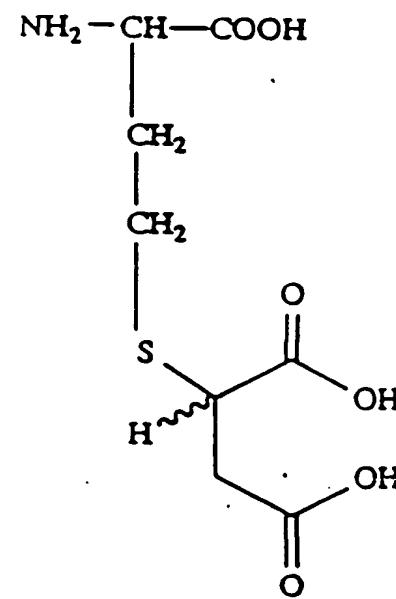
.....→ Non-covalently linked peptide increases numerator!

.....→ Loss of Dexamine during:

- GMBS derivitization
- G-2S column purification → decreases numerator
- Reaction mixture transfers



S-2-(2R,2S-succinyl)-cysteamine



S-2-(2R,2S-succinyl)-DL-homocysteine

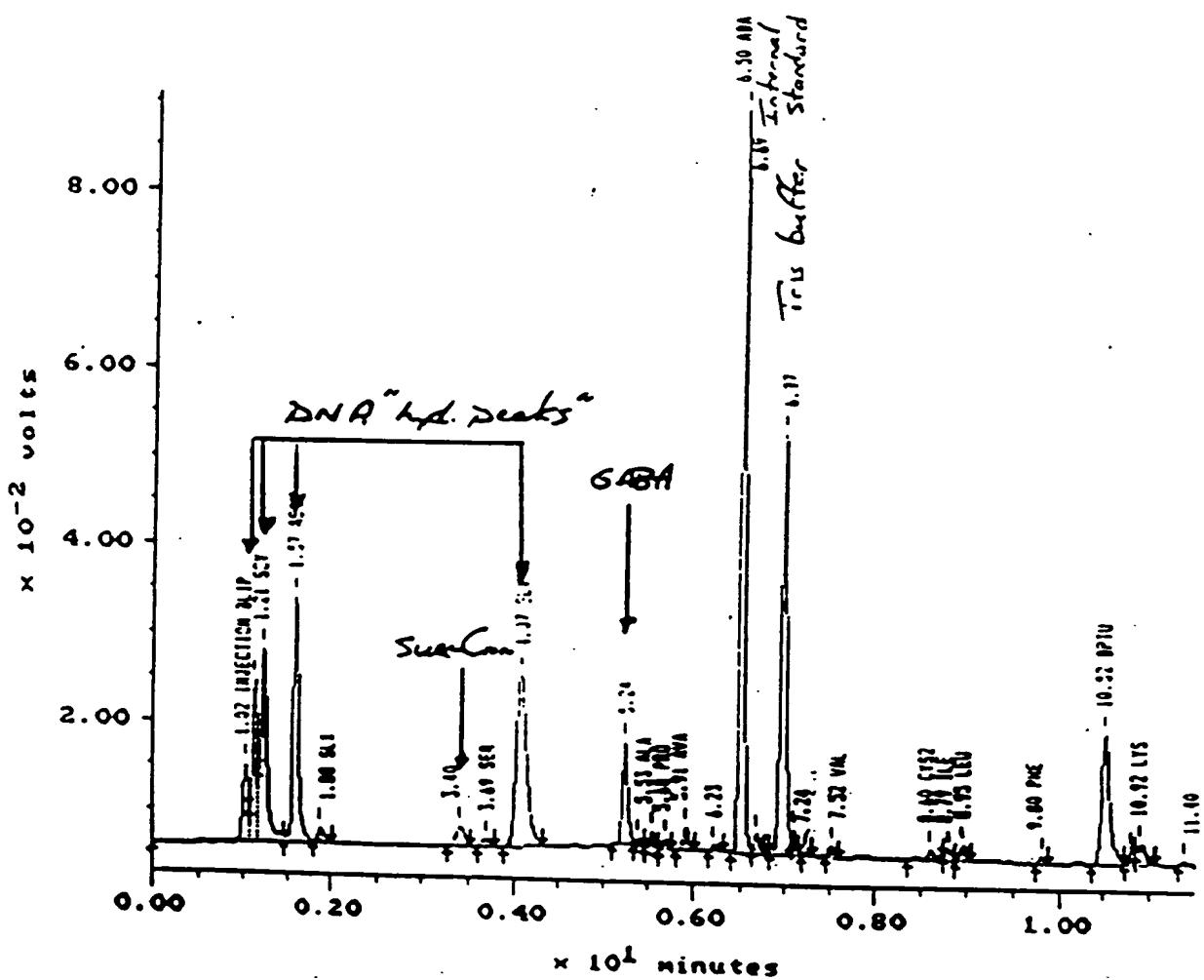


Figure 14

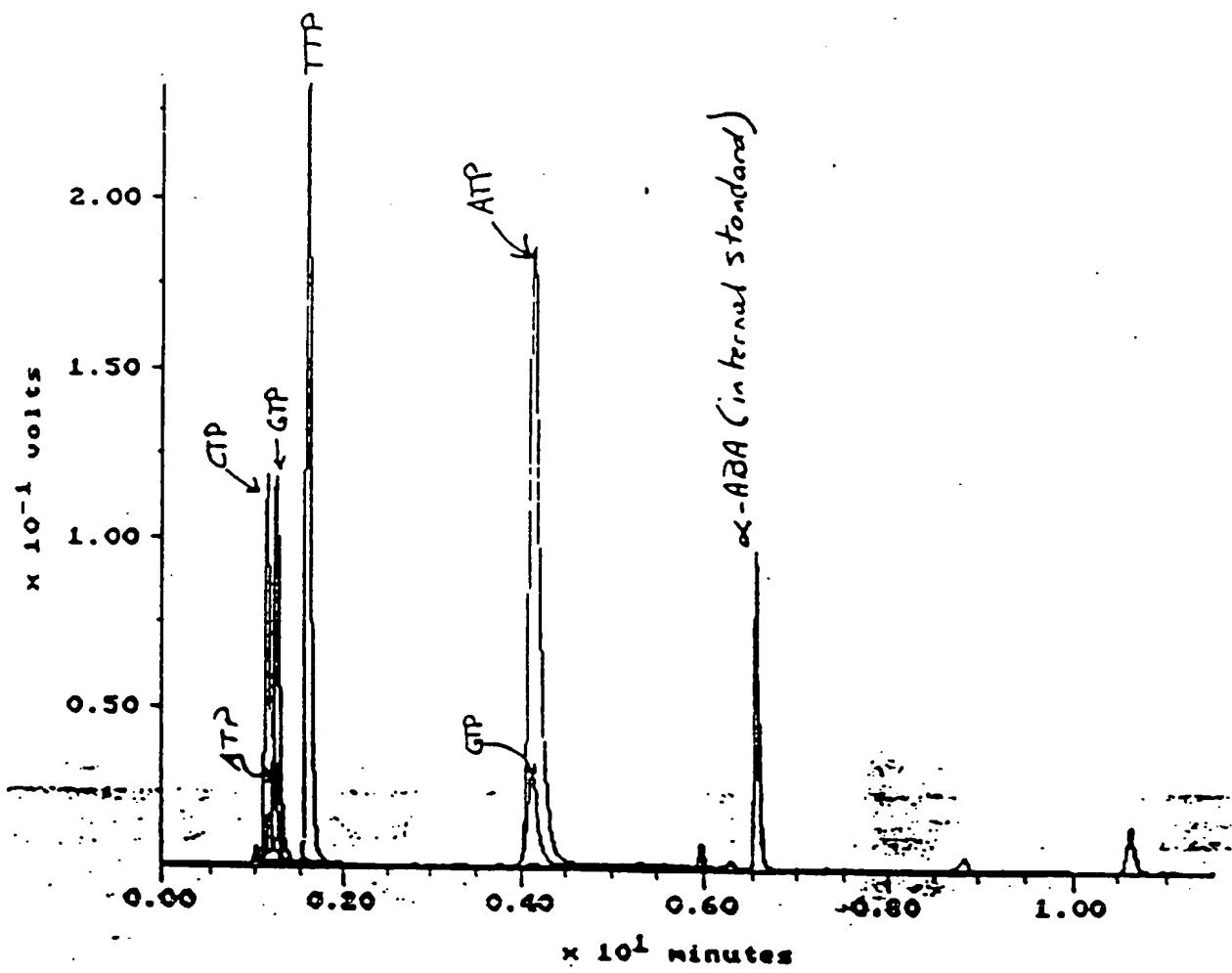


Figure 15

Fig 16

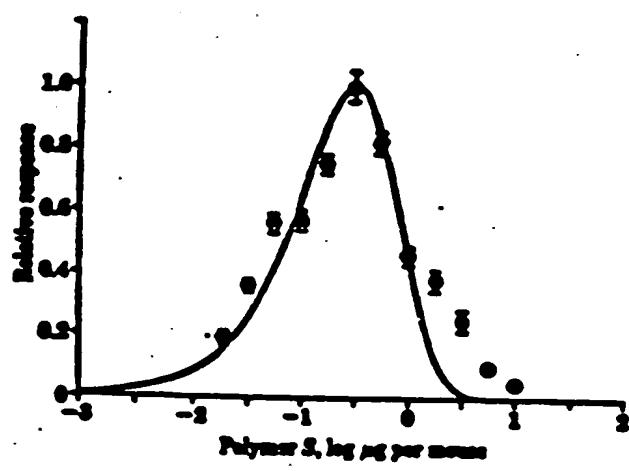


Fig. 17

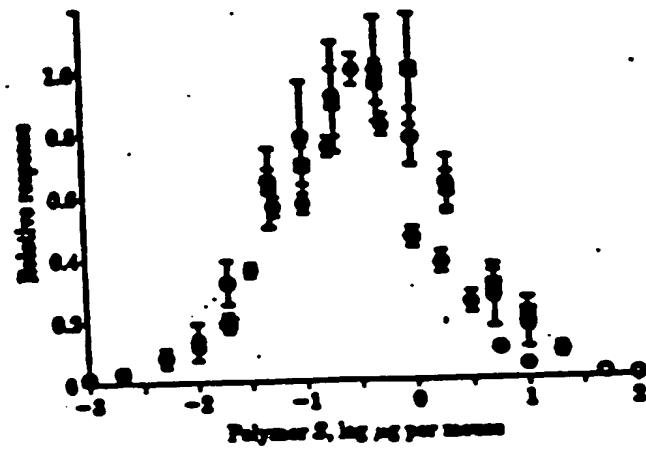


Fig. 18

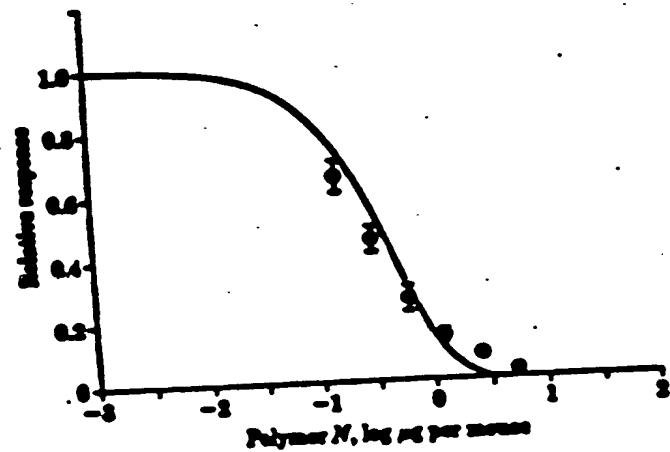


Fig. 19

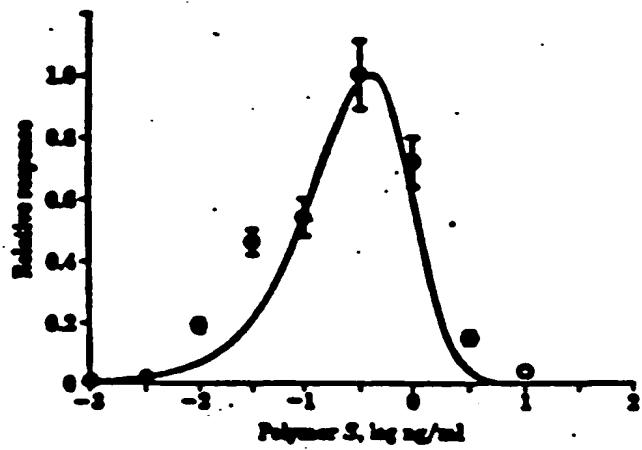
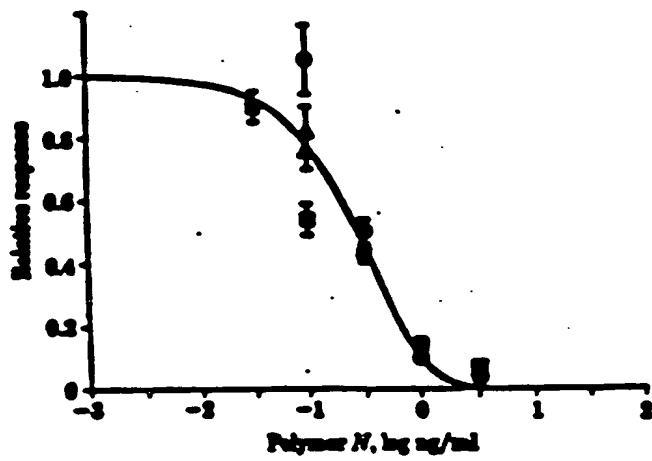


Fig. 20



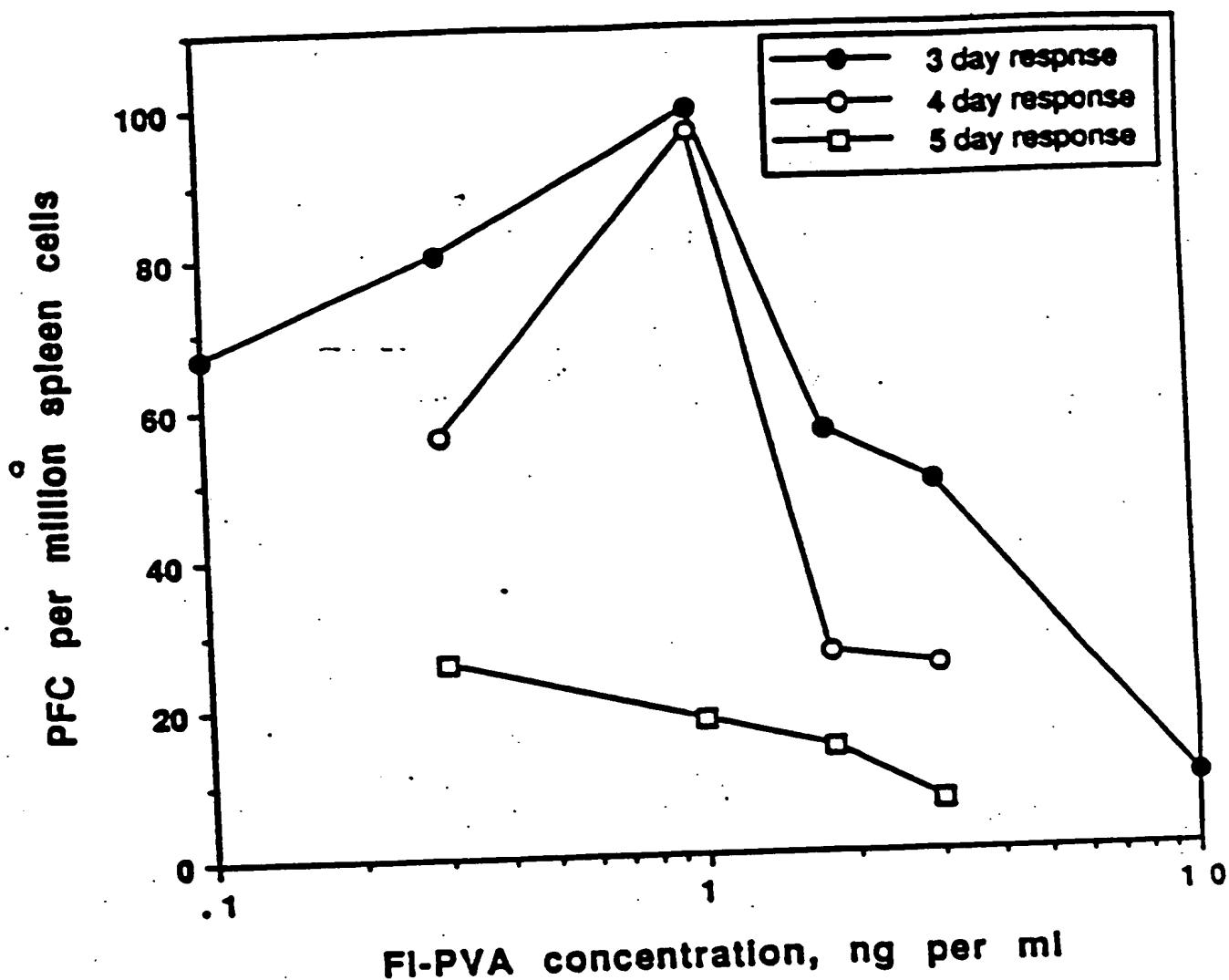


Figure 21

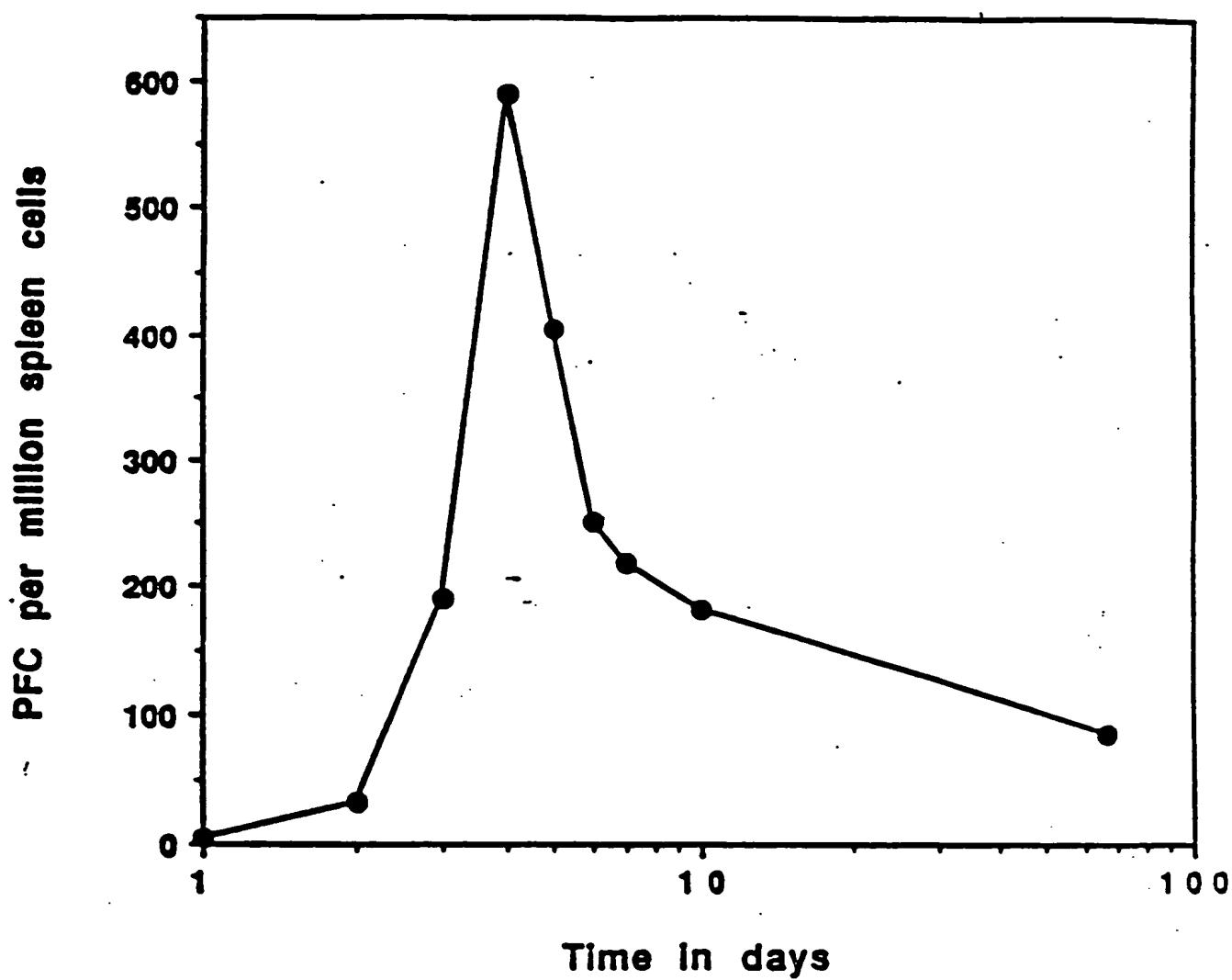


Figure 22

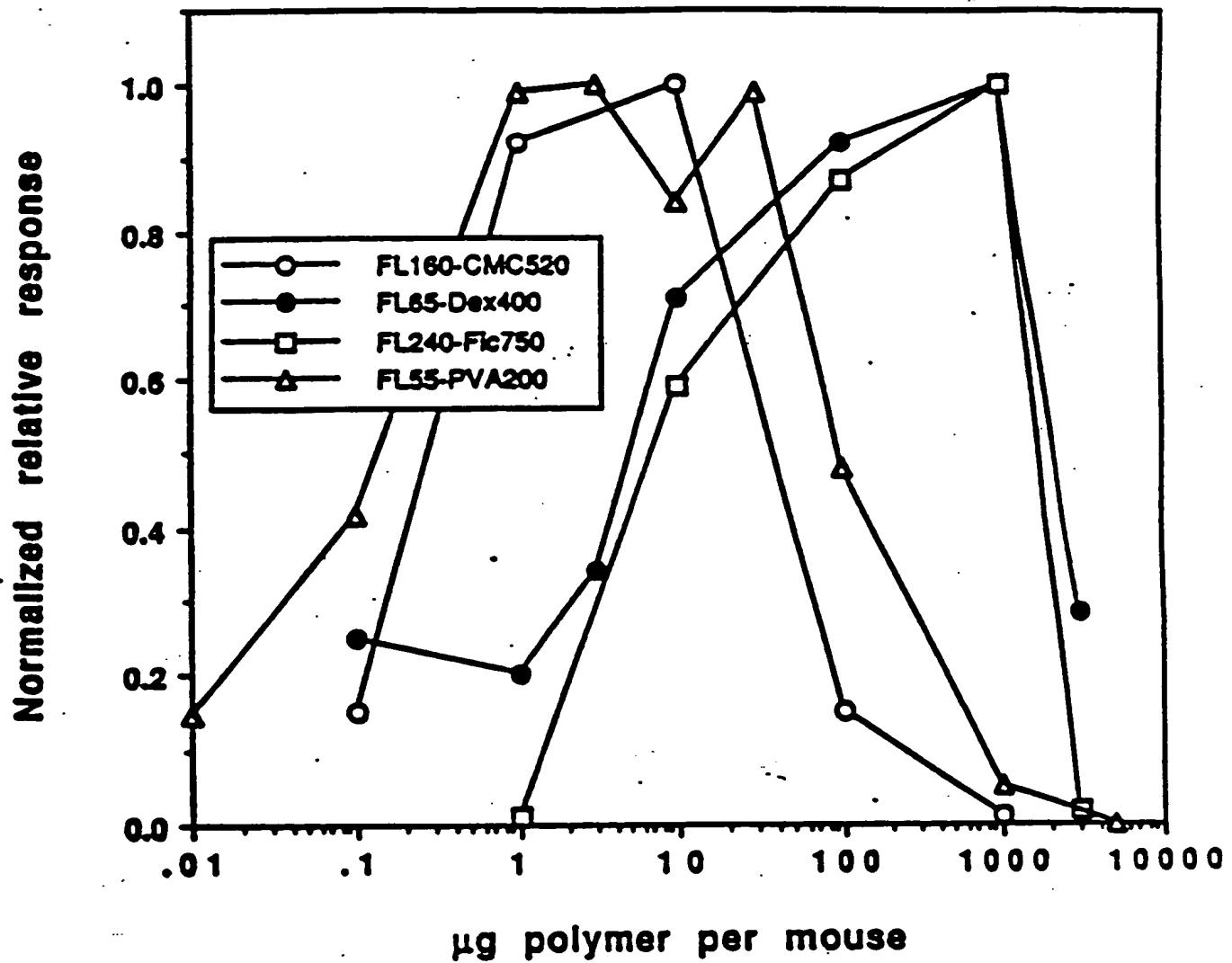


Figure 23

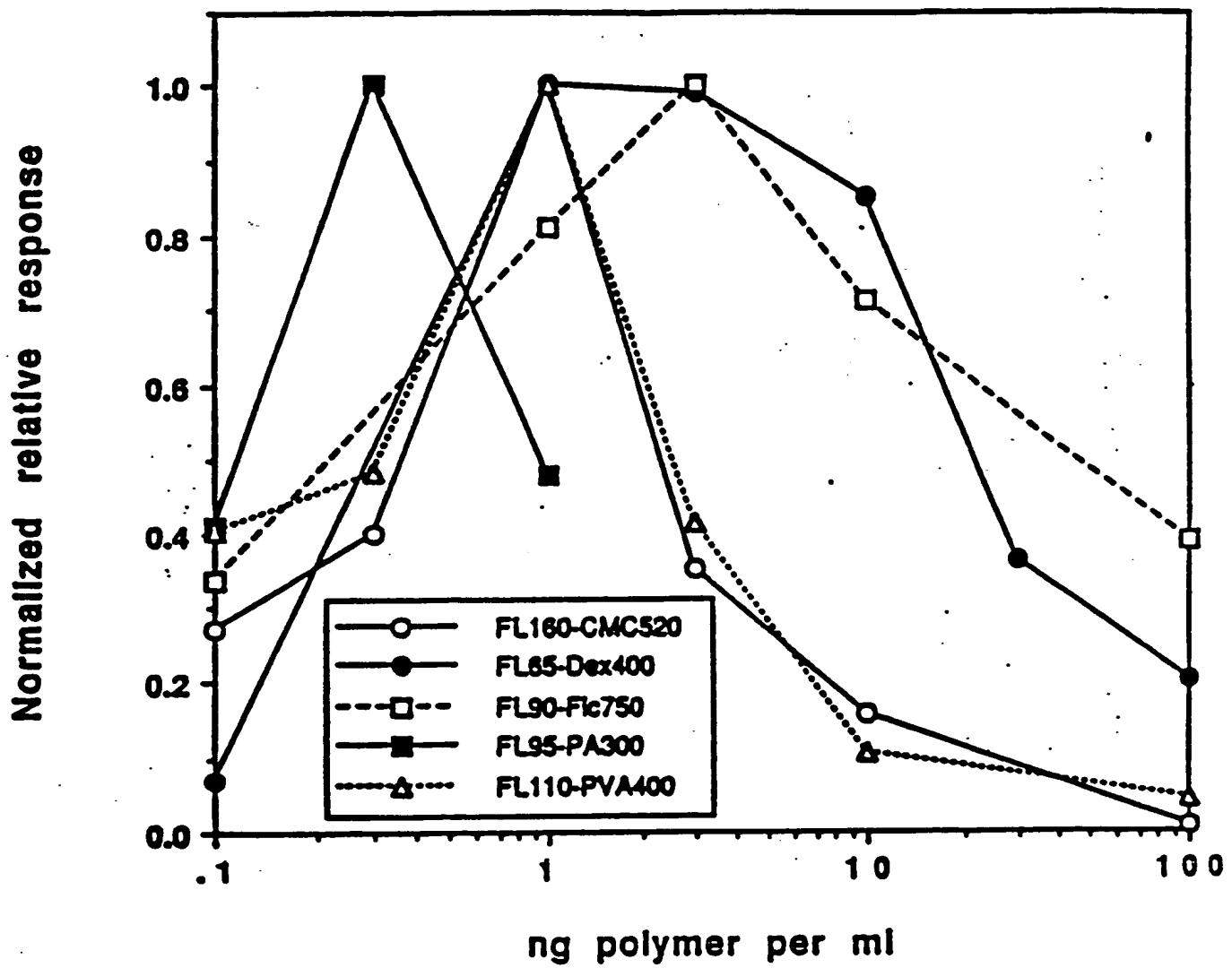


Figure 24

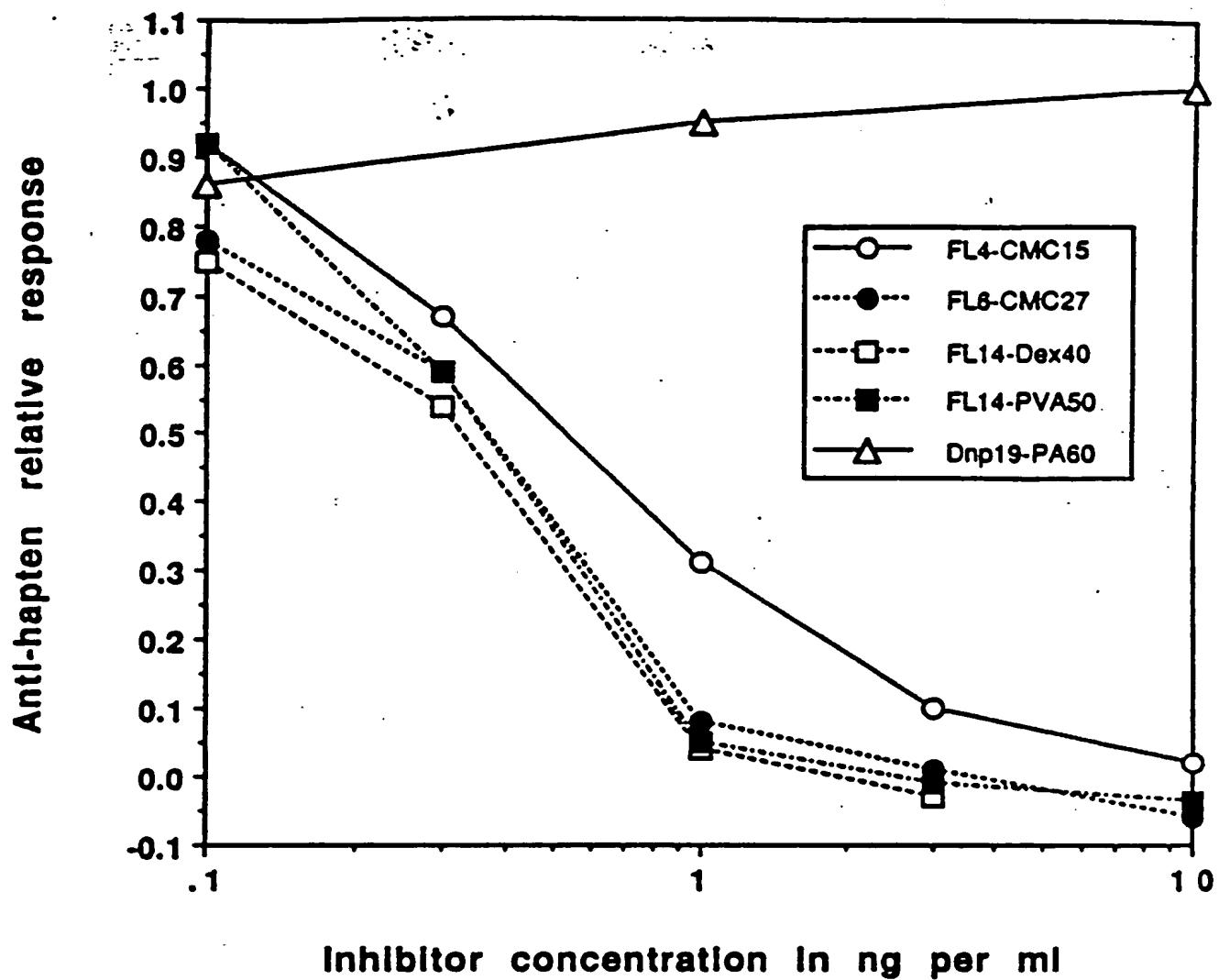


Figure 25

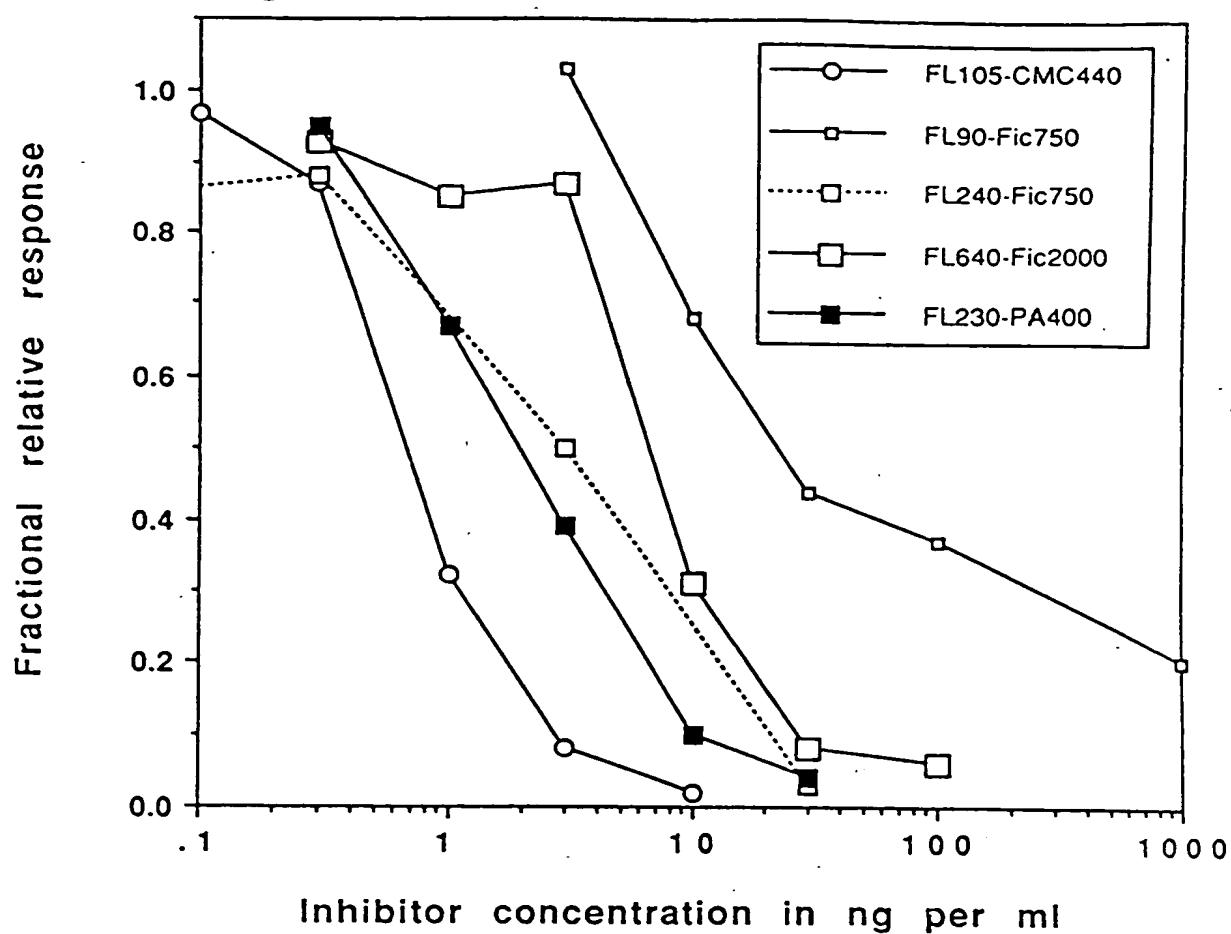


Figure 24

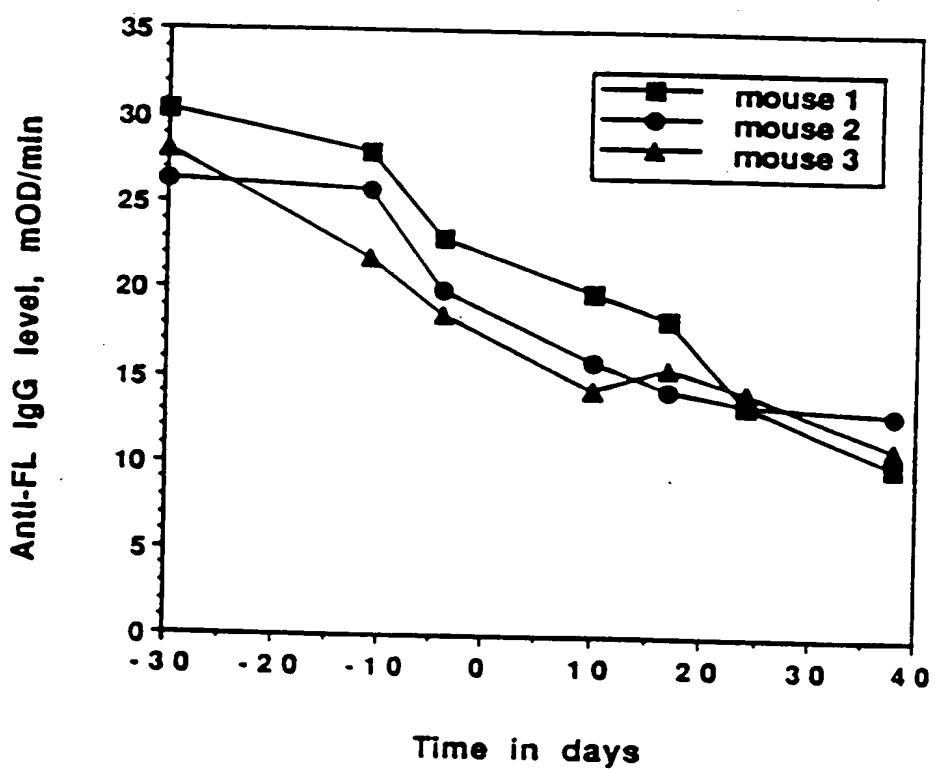


Figure 27

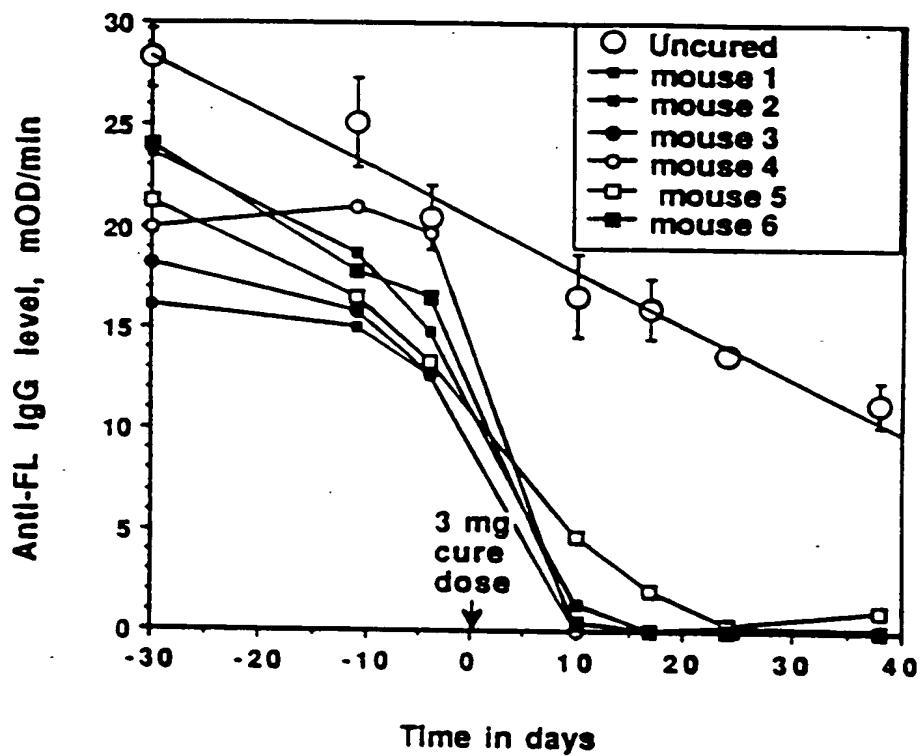


Figure 28

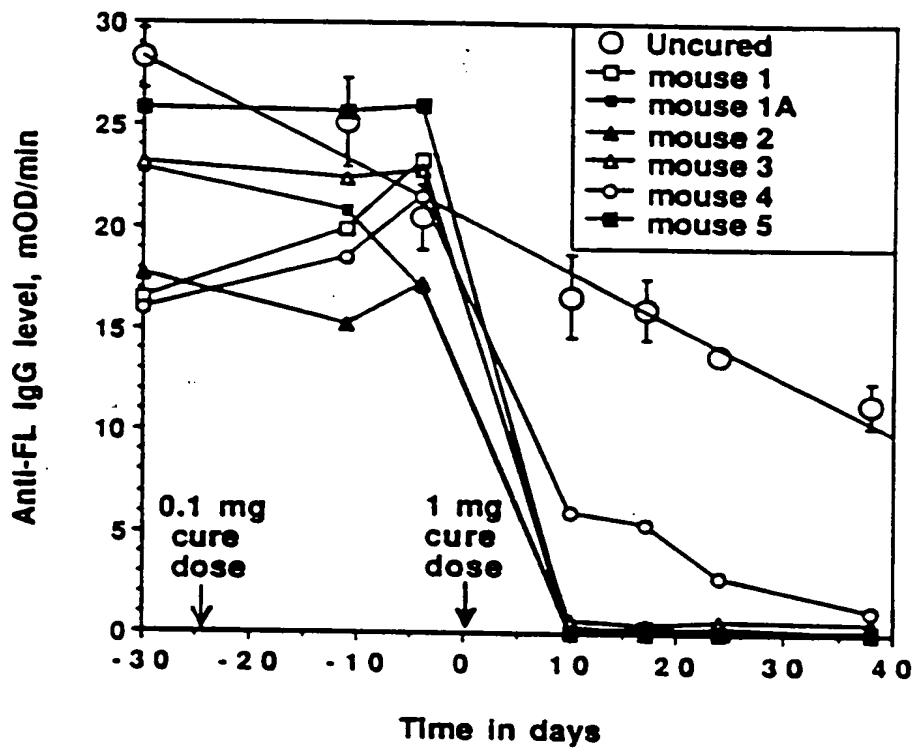


Figure 29

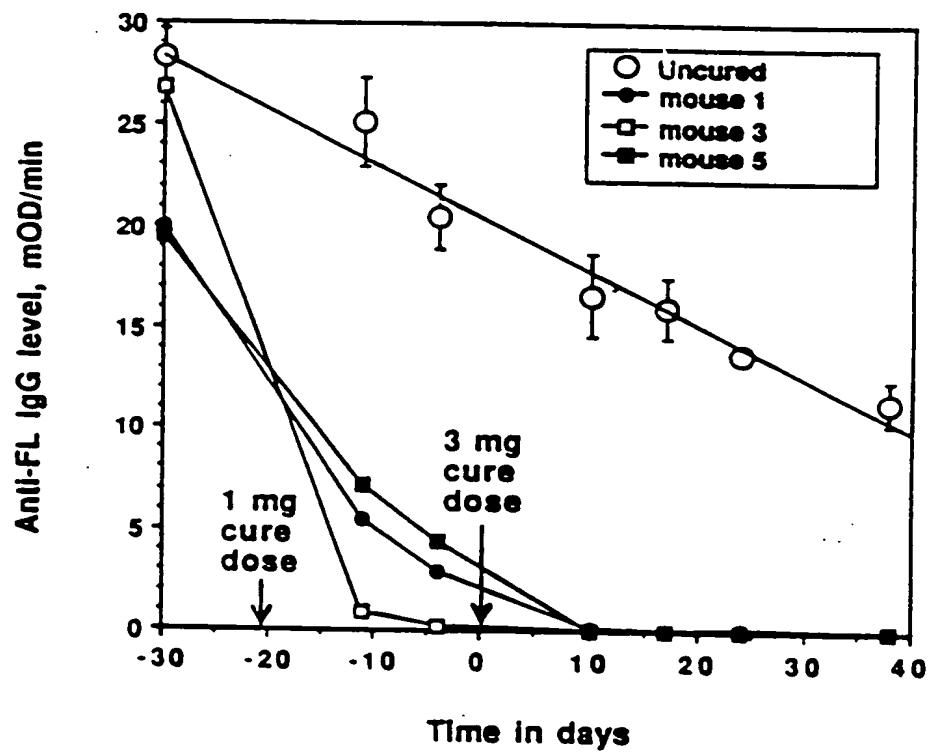


Figure 3C

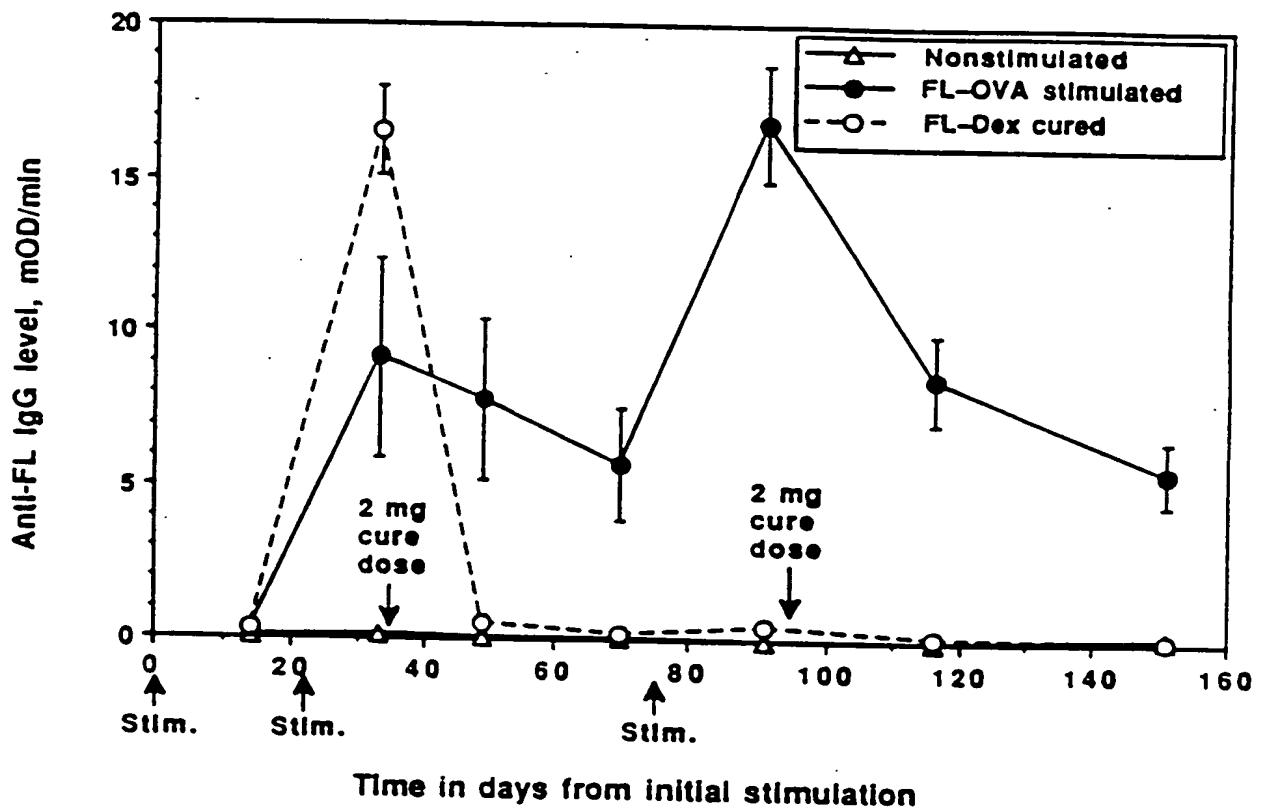


Figure 31

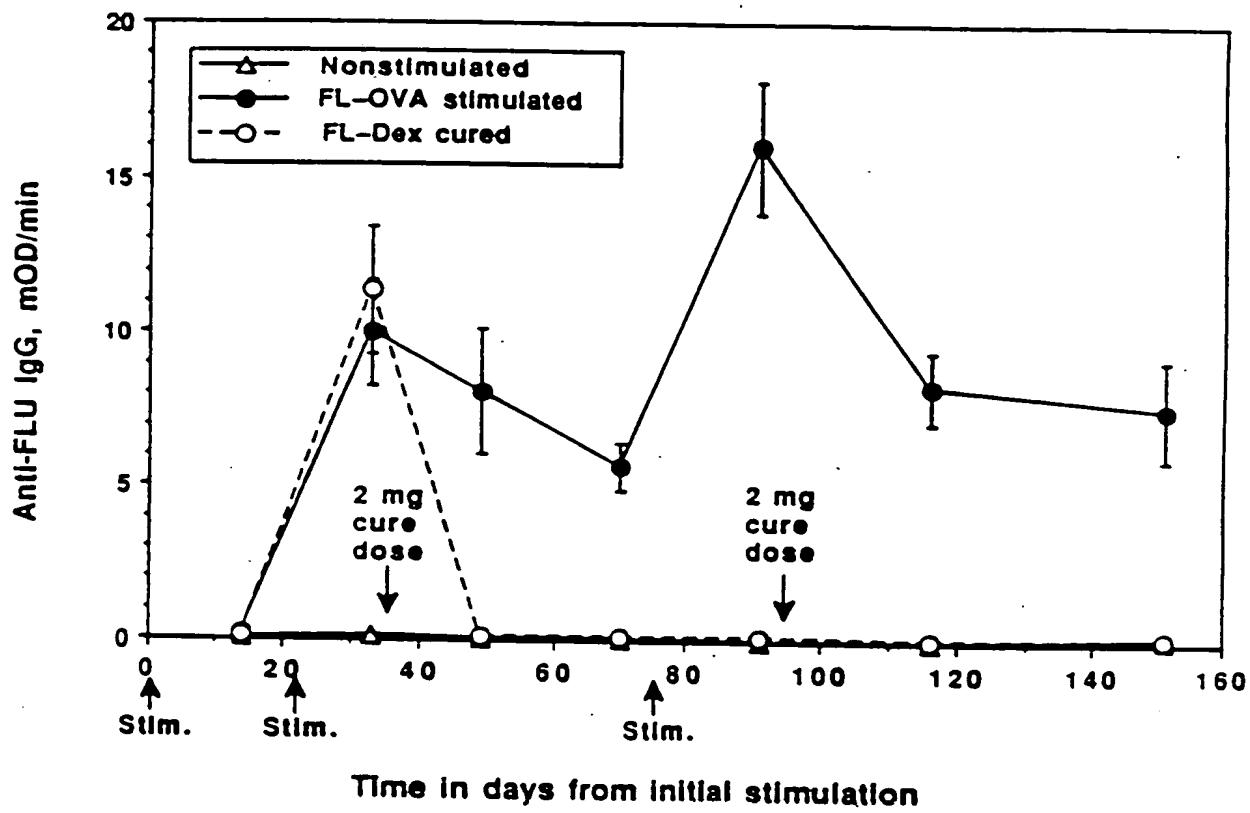


Figure 32

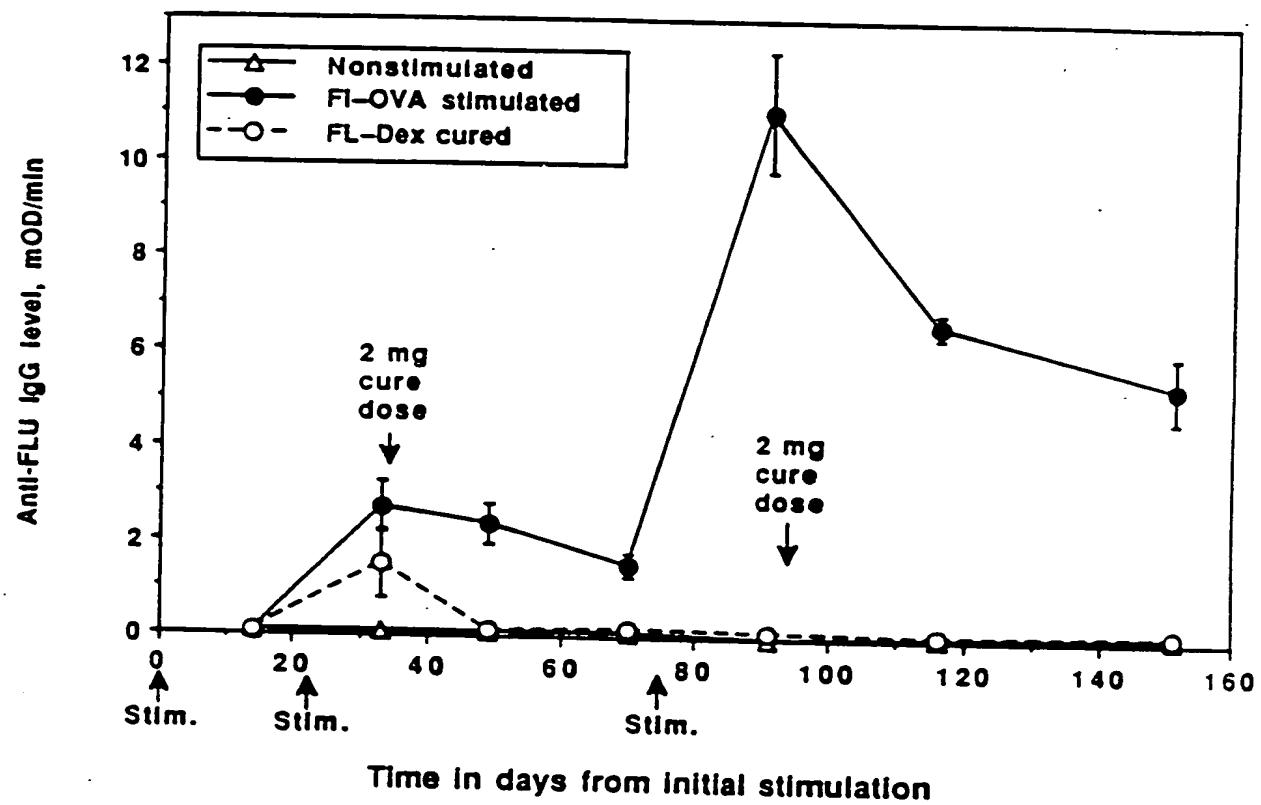


Figure 33

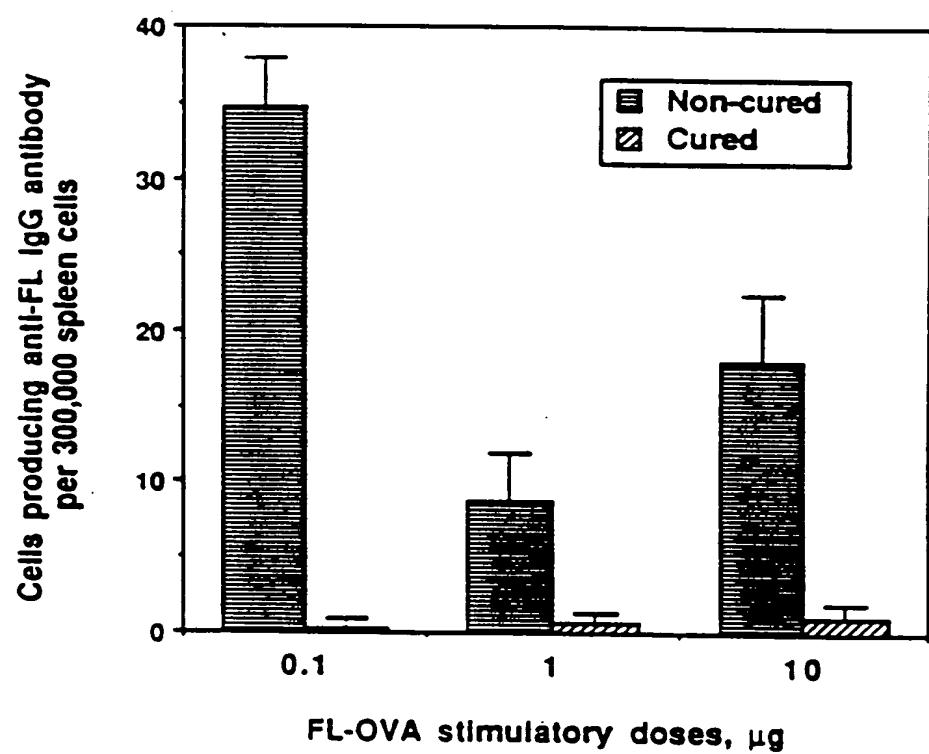


Figure 34

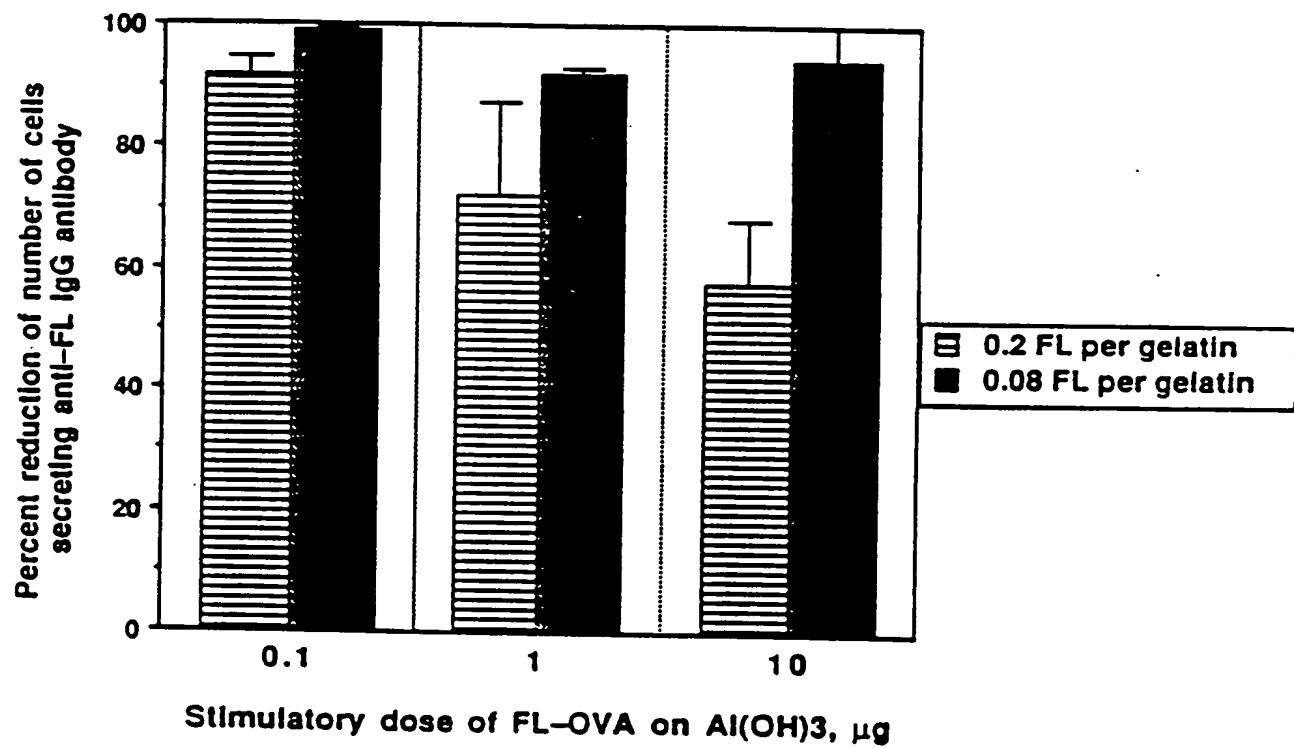


Figure 35

Anti-Fl IgE serum titer by passive
cutaneous anaphylaxis (PCA) assay

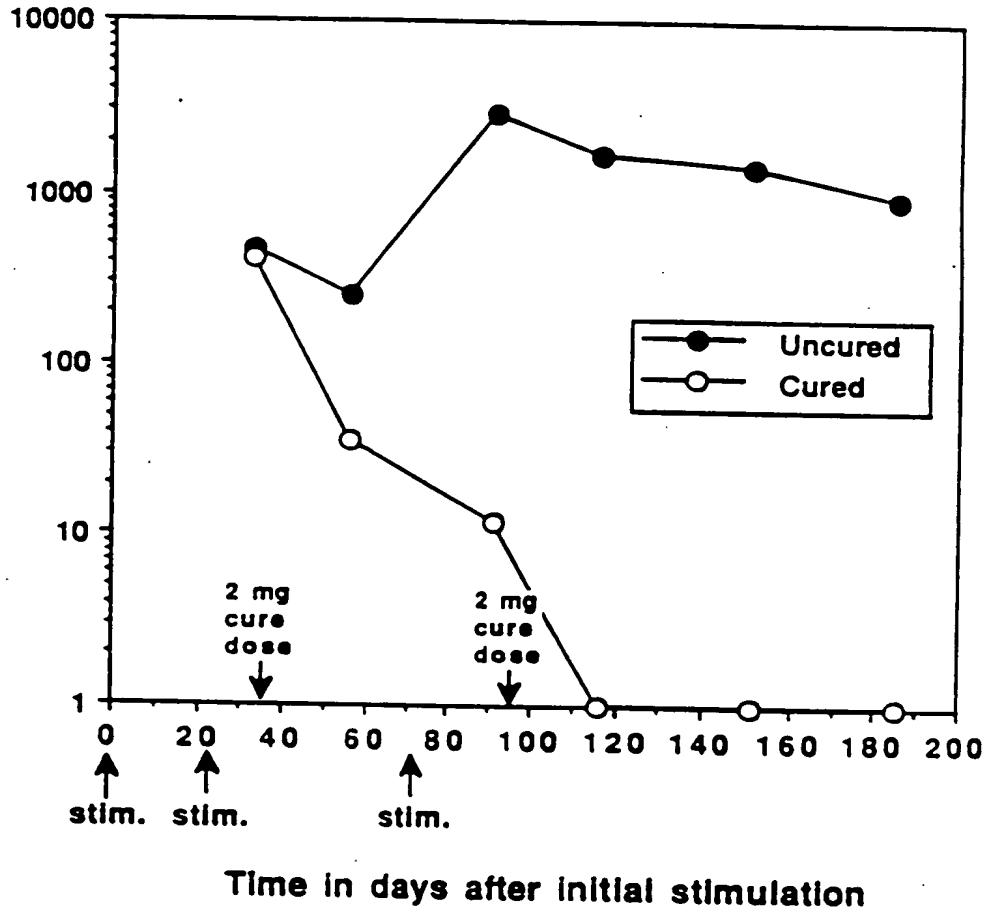
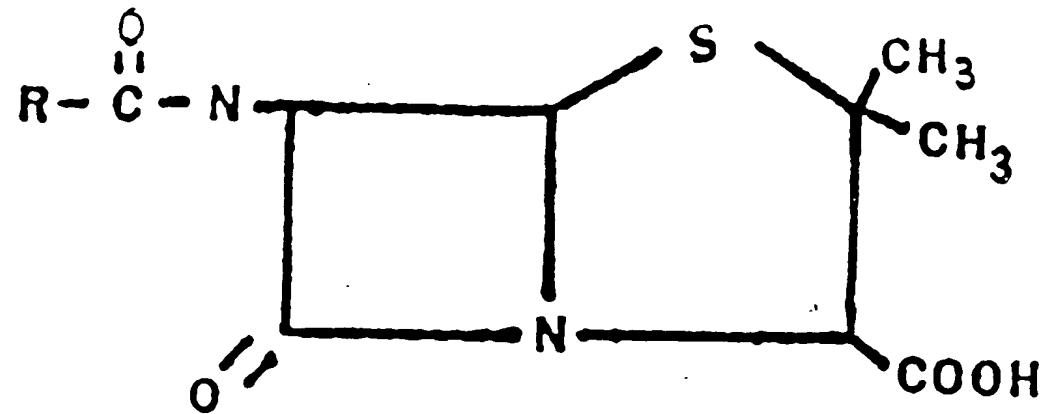
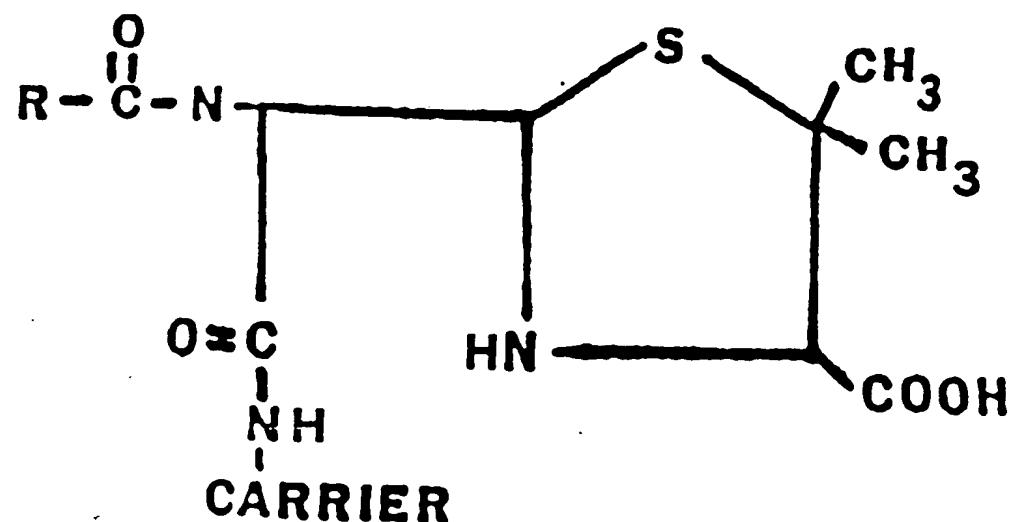


Figure 36



PENICILLIN



PENICILLOYL

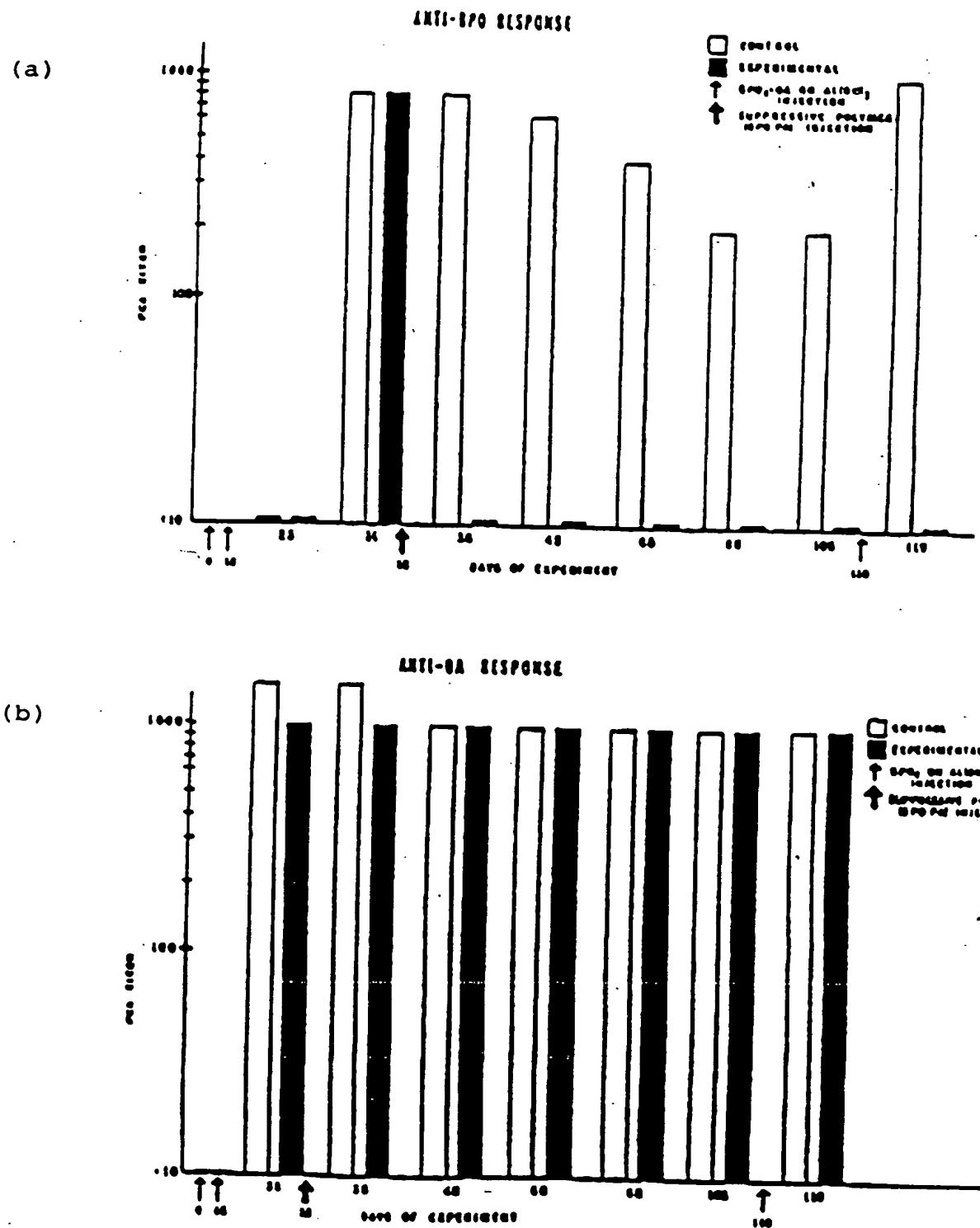
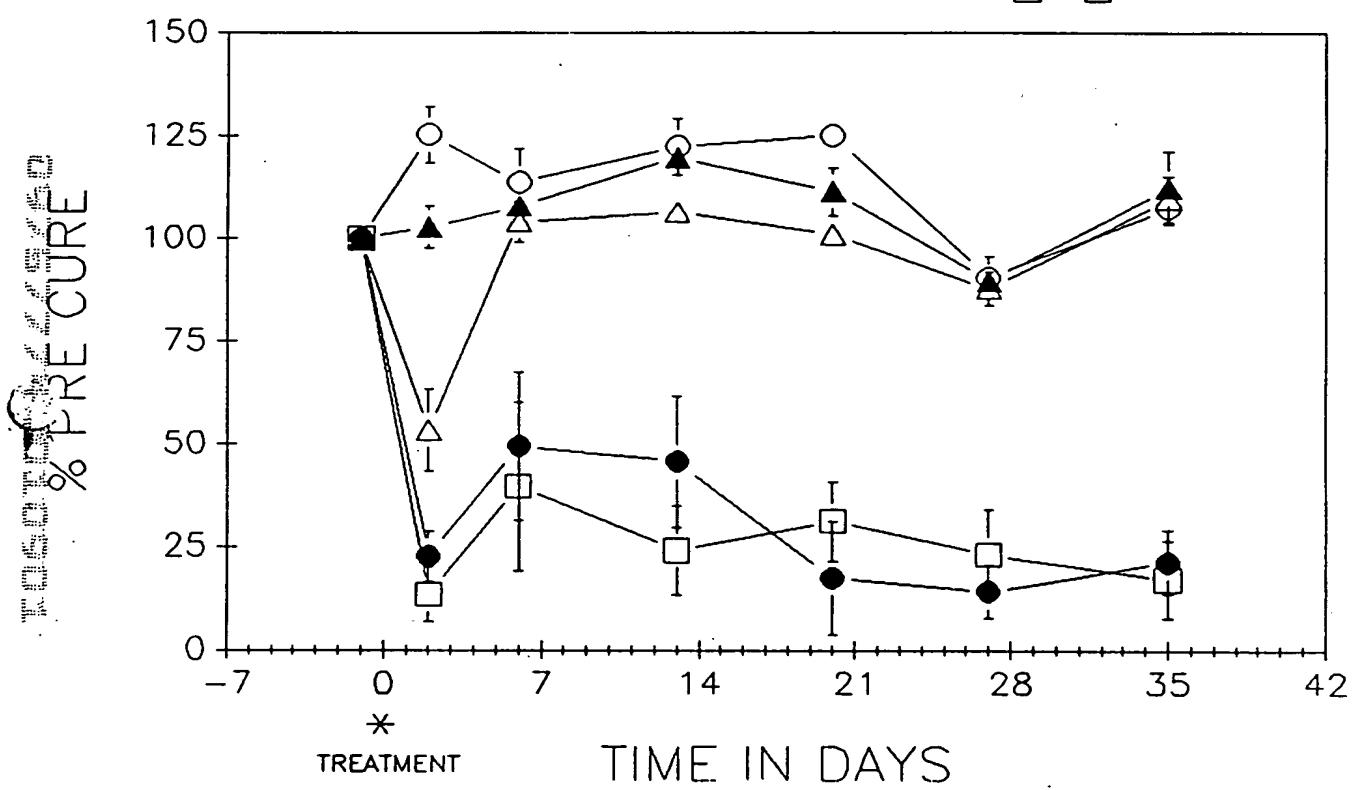


Figure 38

FIG 39

○ — ○ NO CURE
● — ● 700ug CI-374
△ — △ 70ug CI-374
▲ — ▲ 7ug CI-374
□ — □ 2mg CI-323



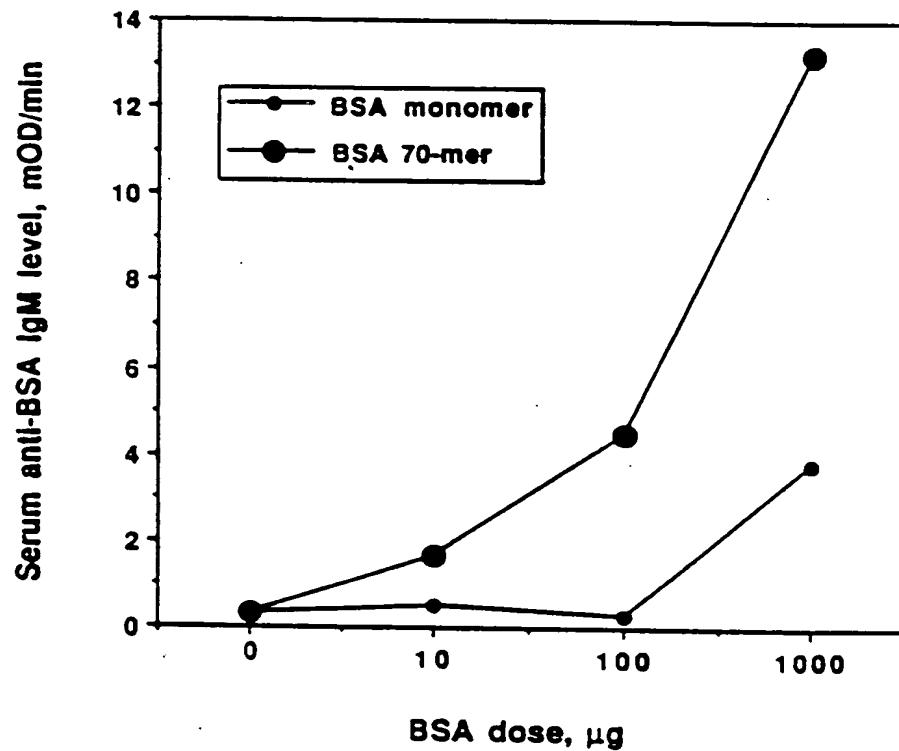


Figure 4C

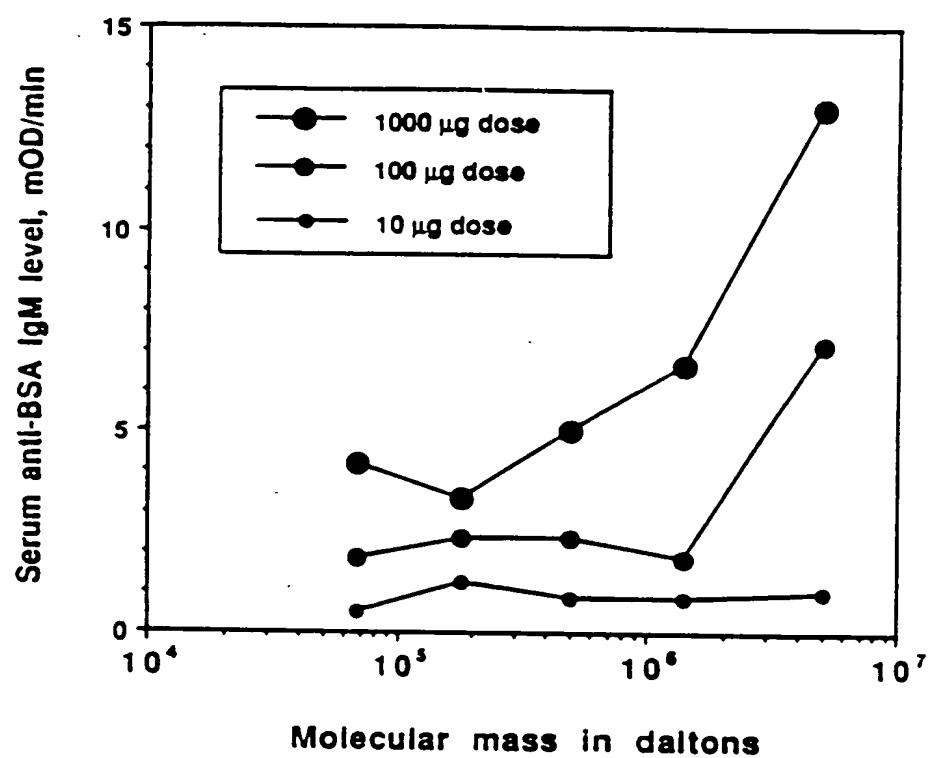


Figure 41

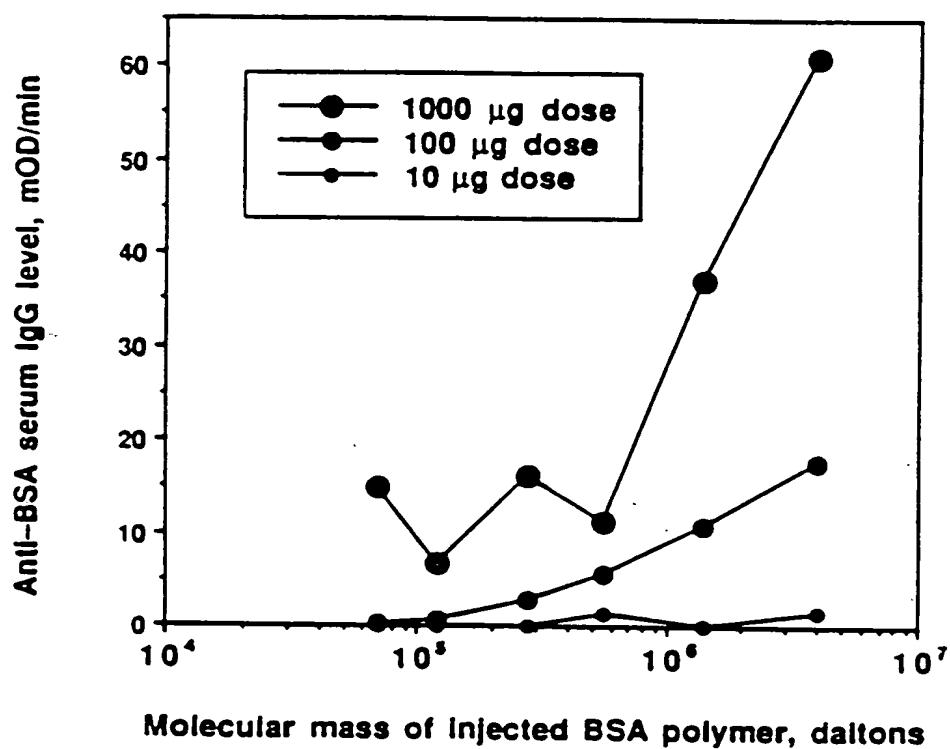


Figure 42

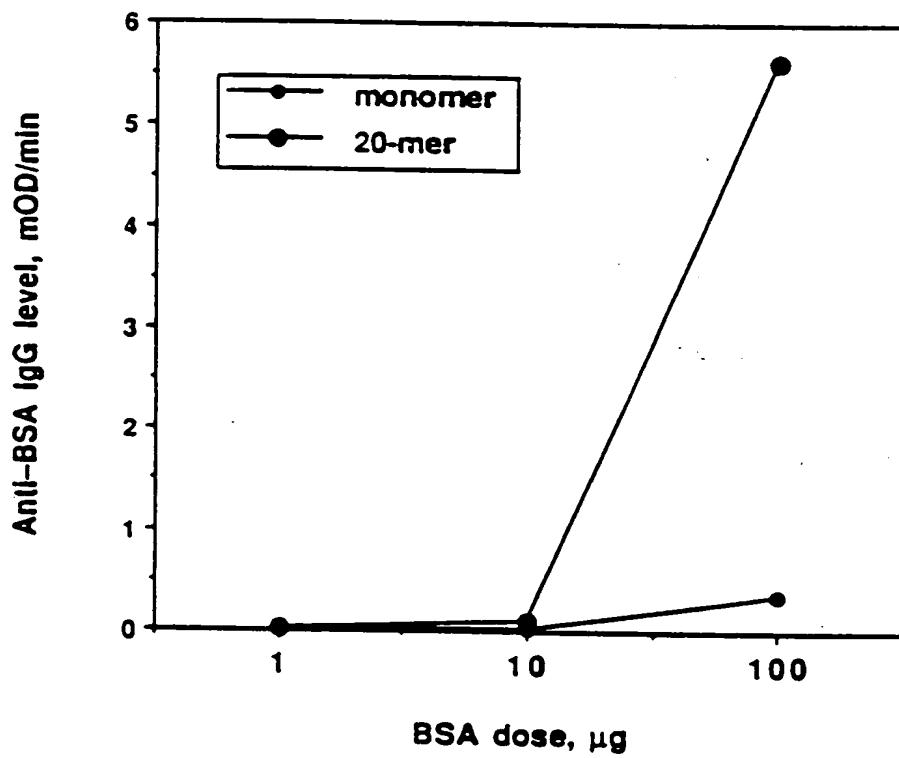


Figure 43

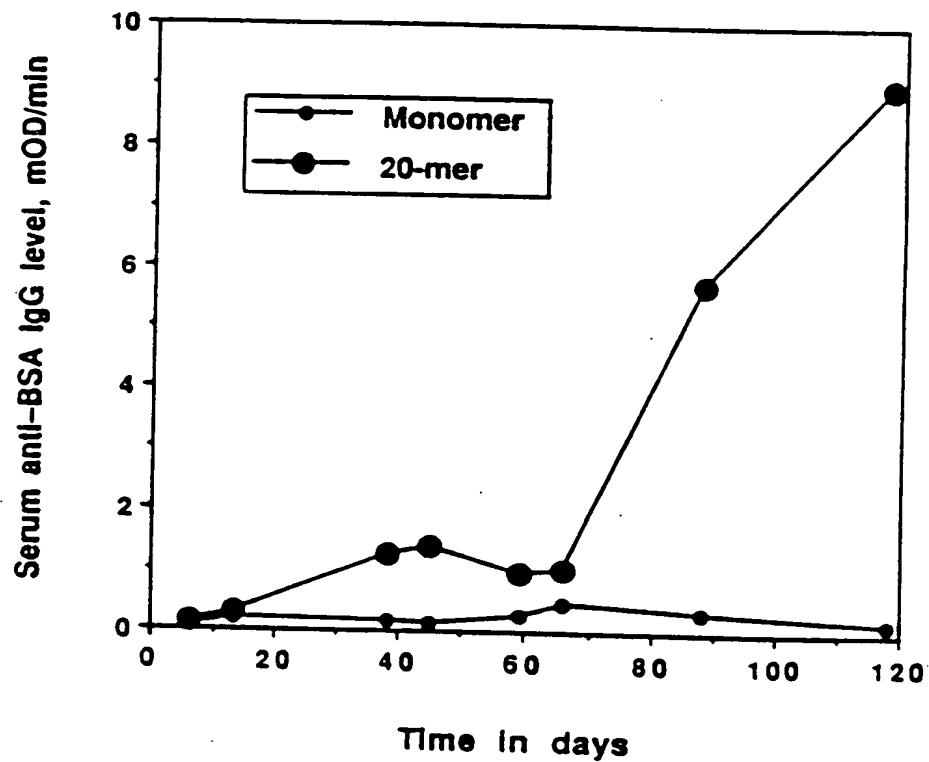


Figure 44

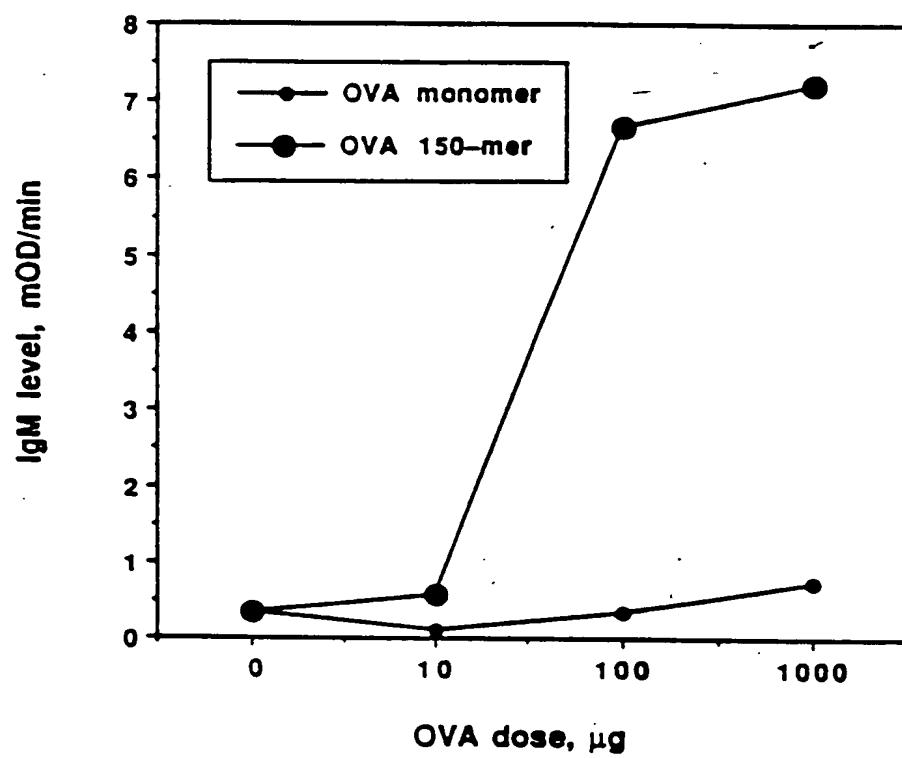


Figure 45

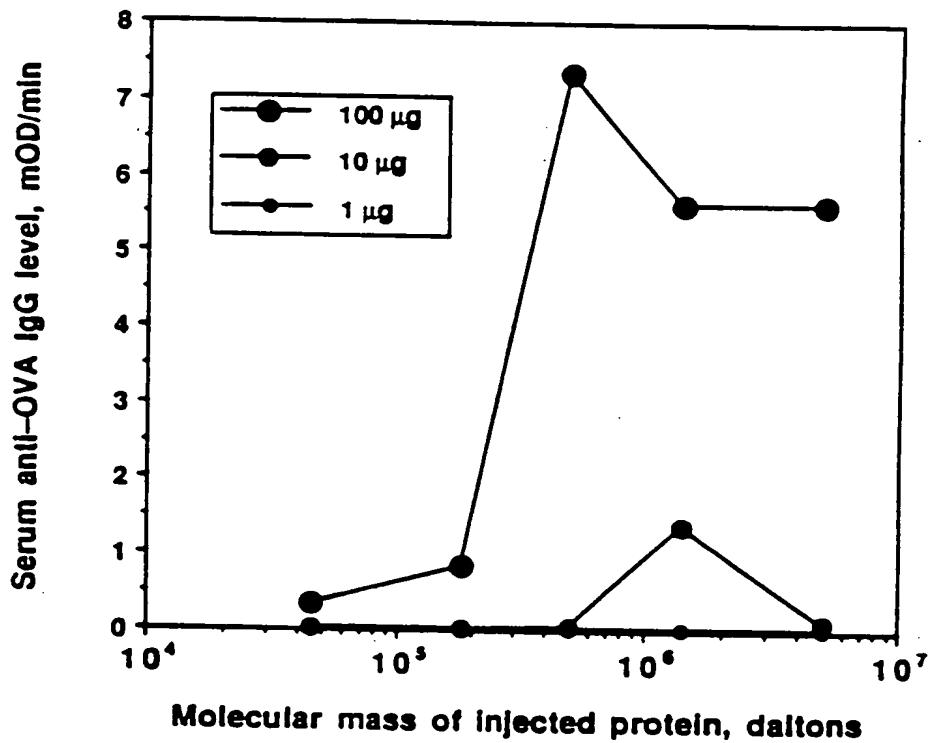


Figure 46

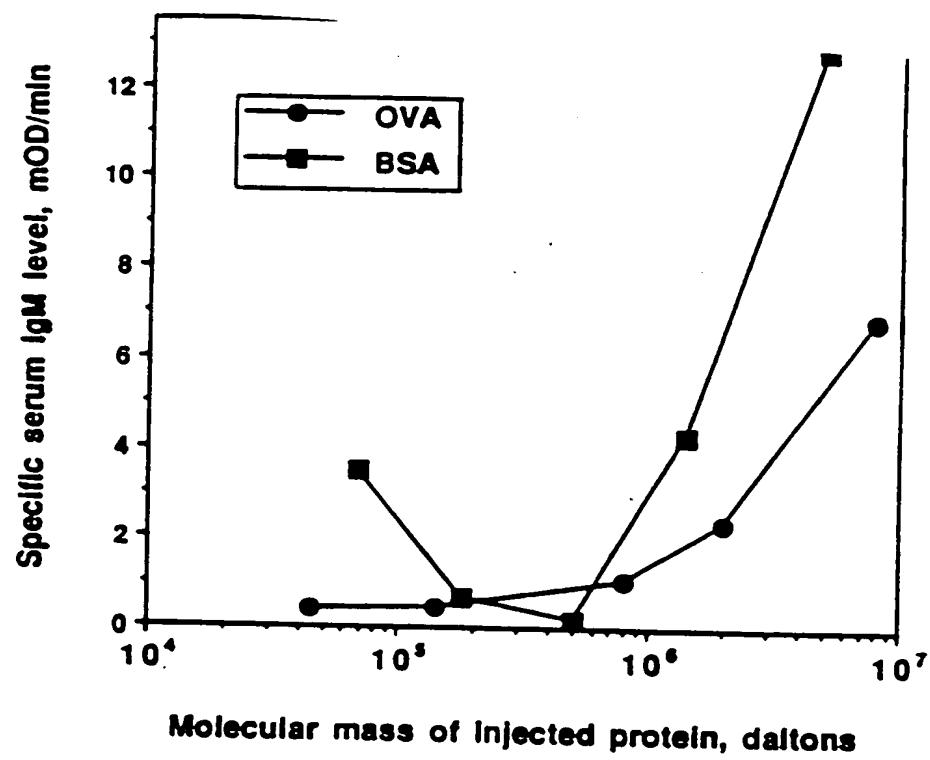


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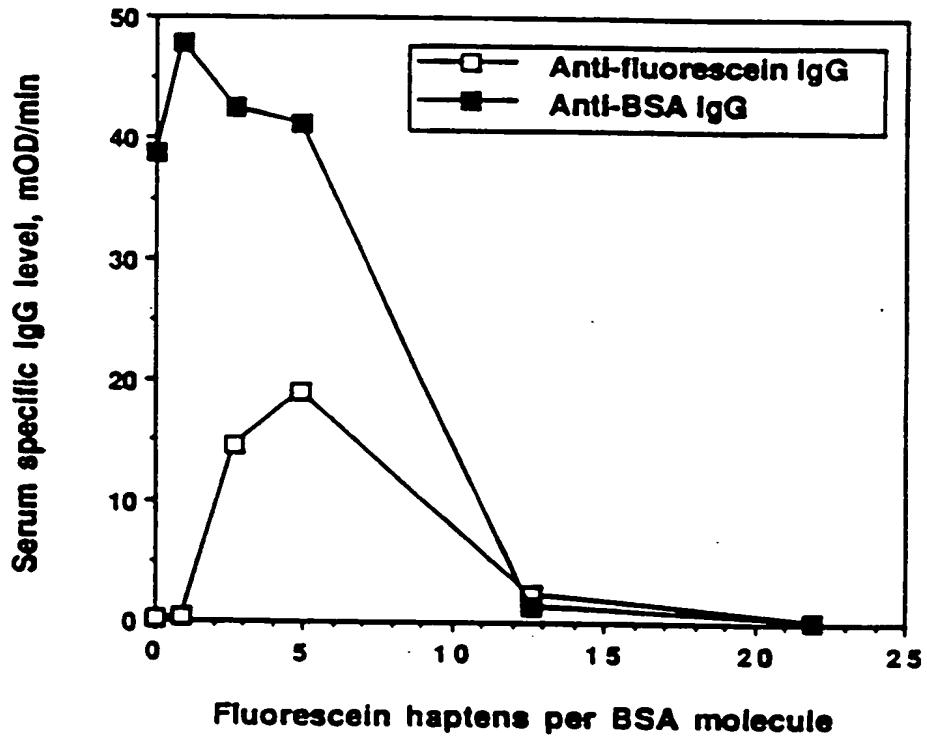


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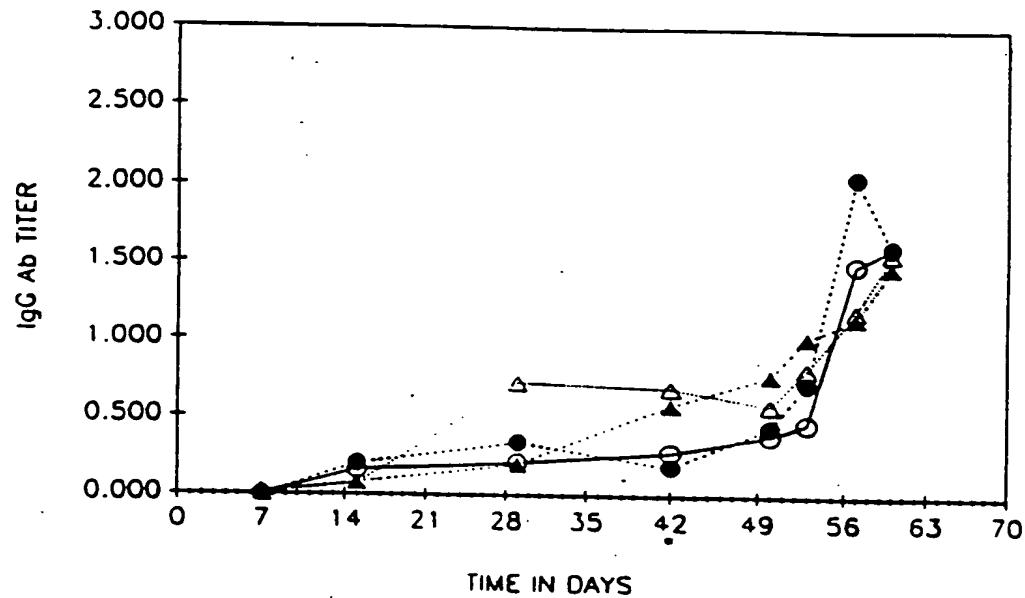


Figure 49

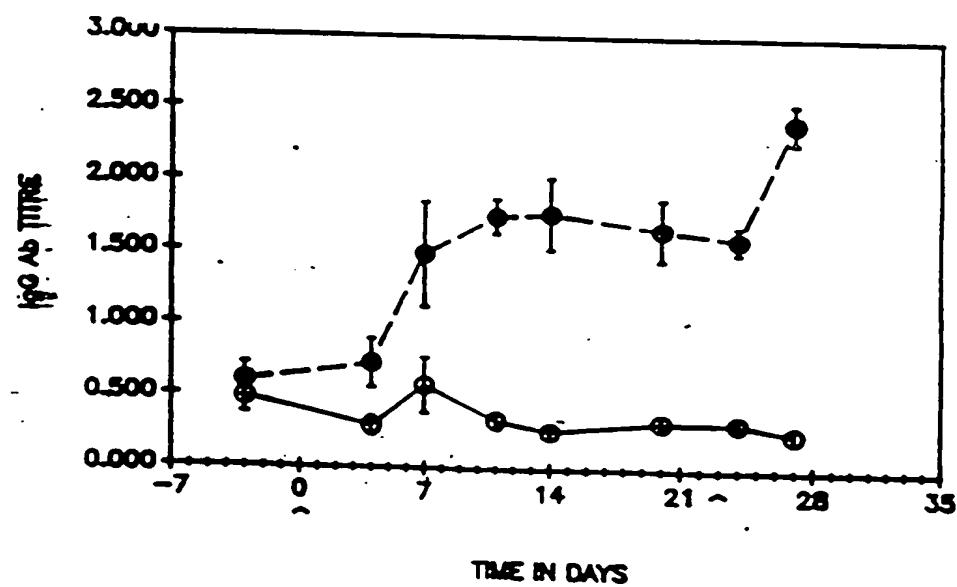


Figure 50

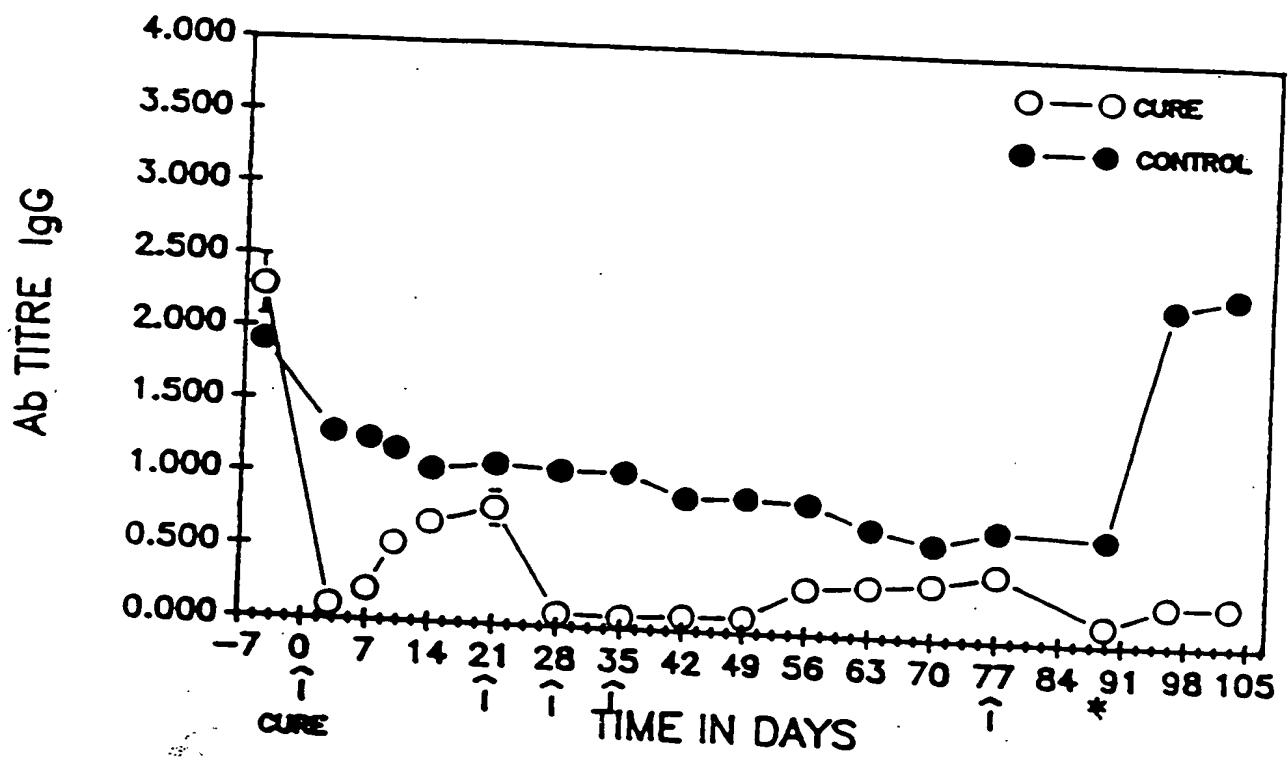


Figure 51

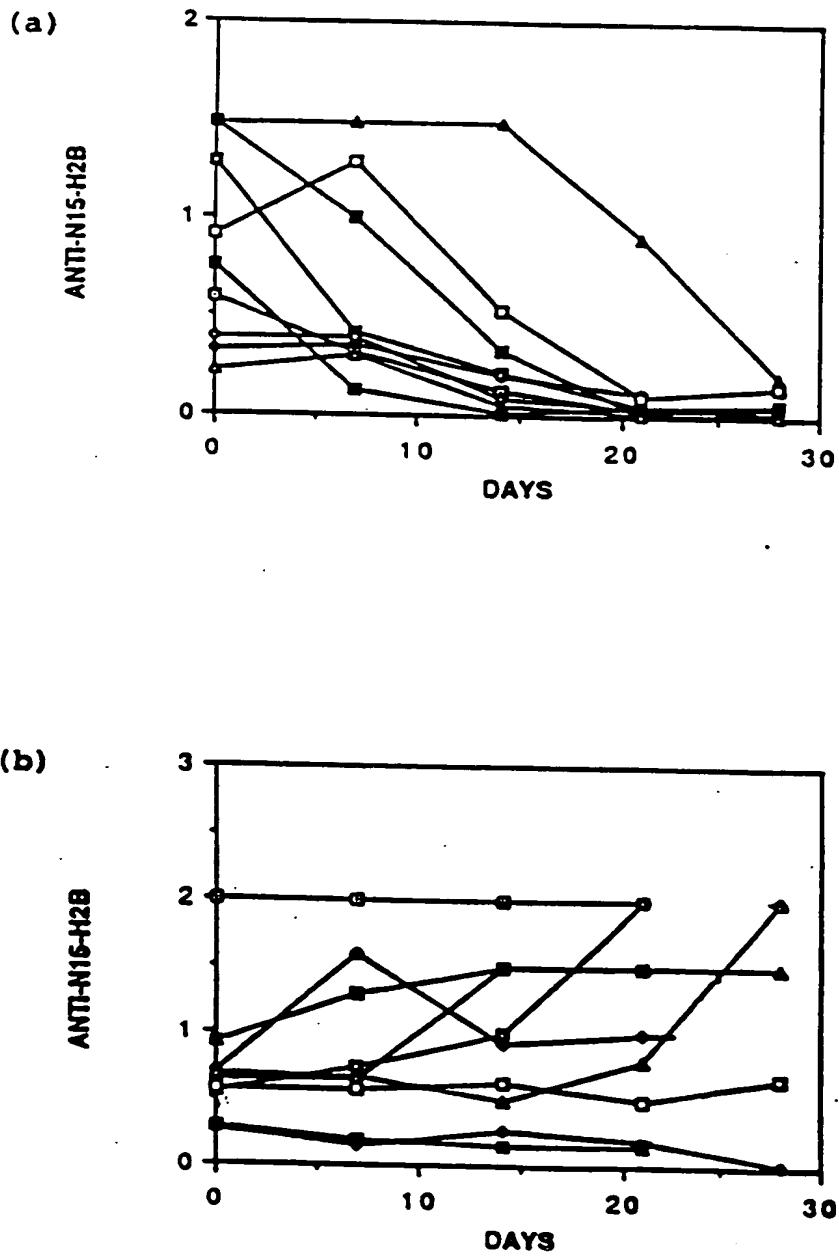


Figure 52

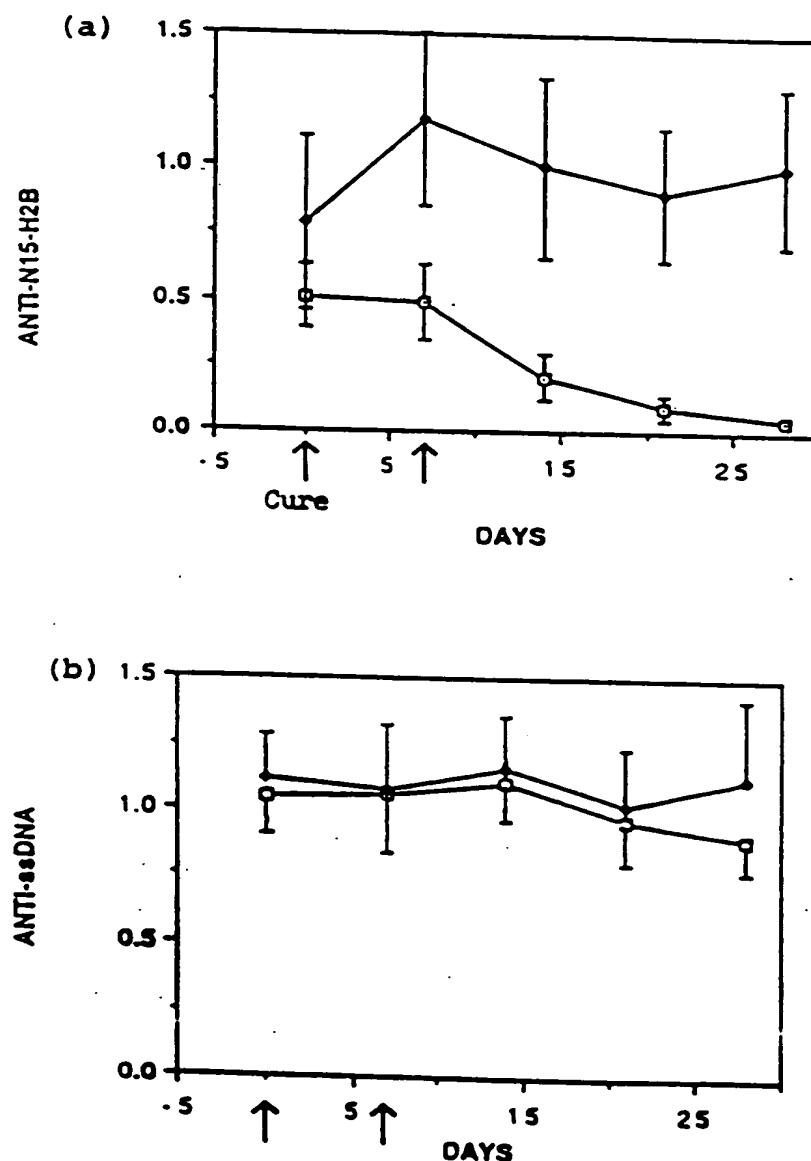


Figure 53

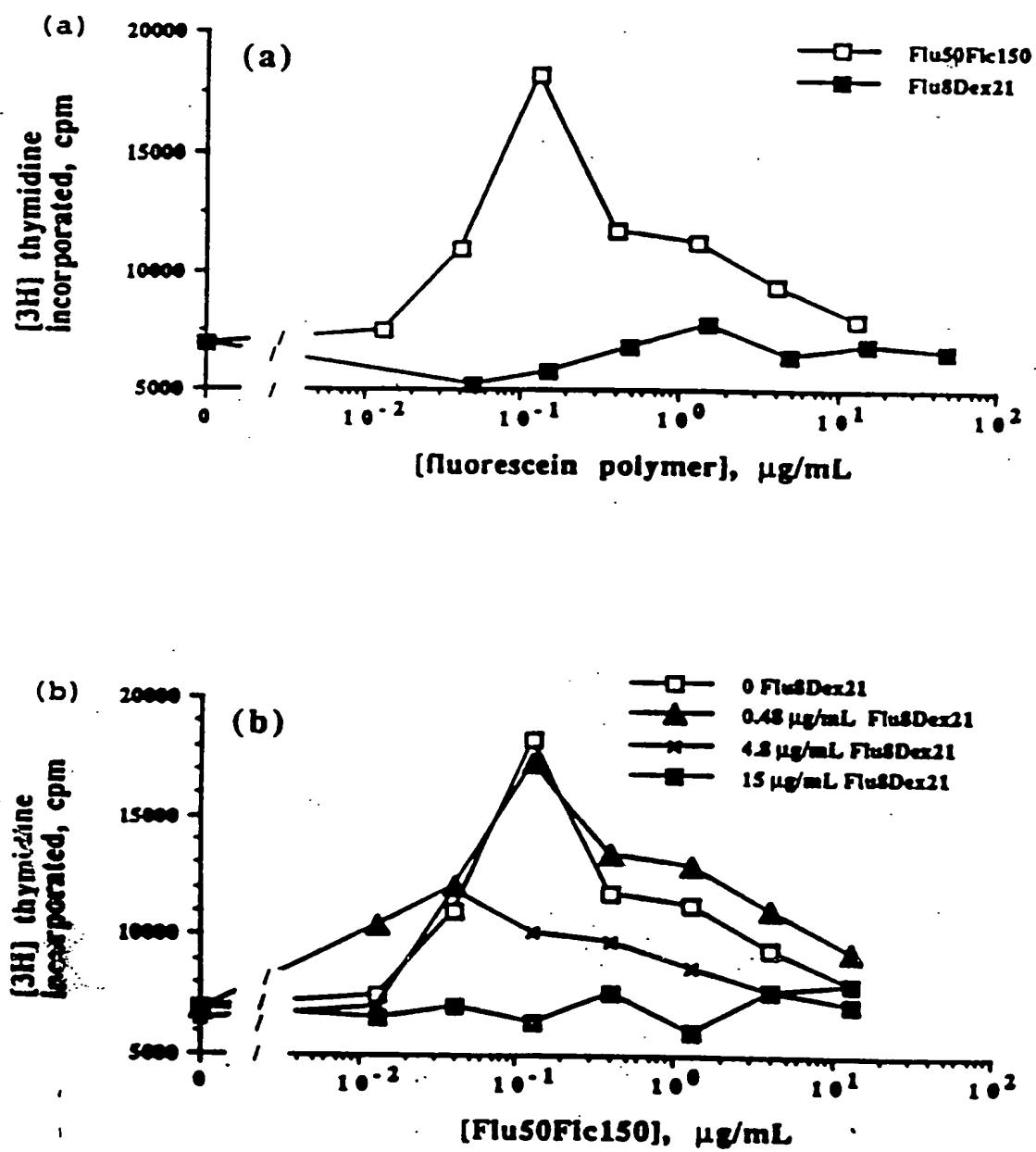


Figure S4

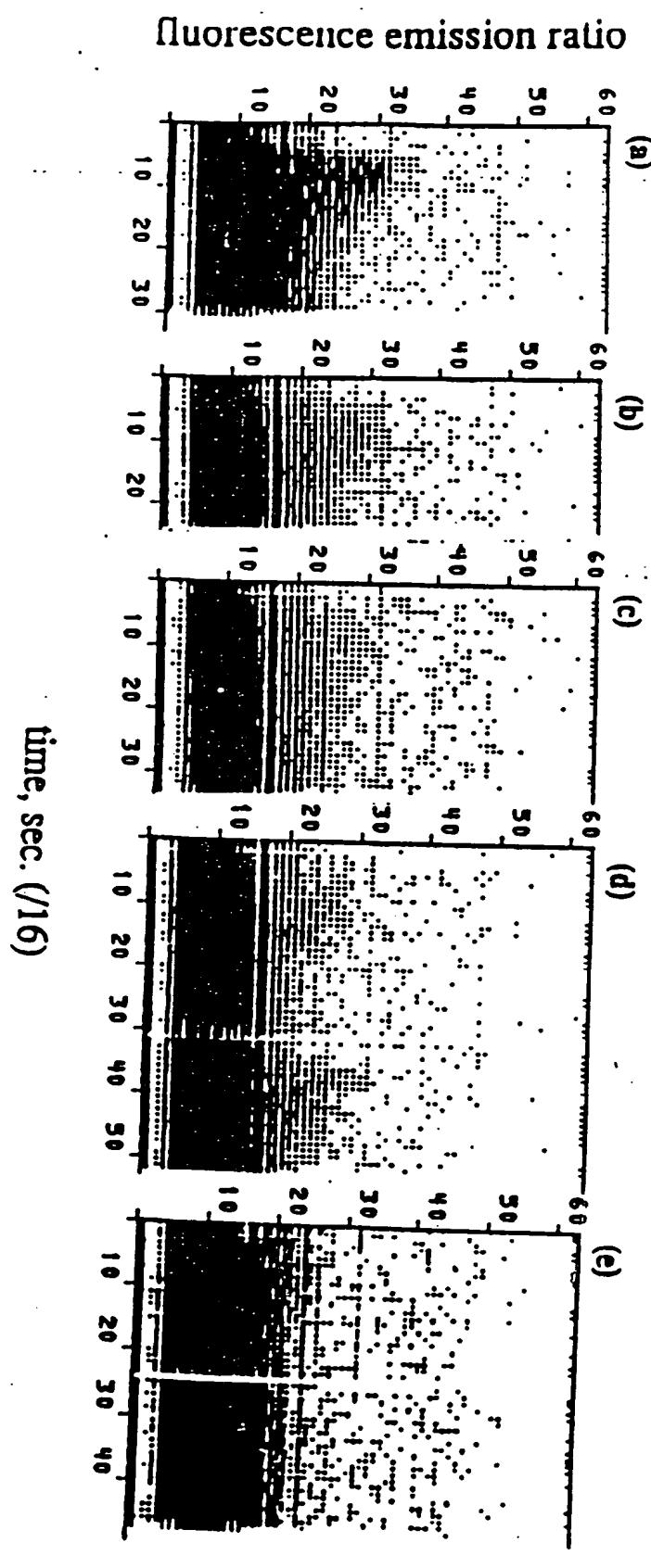


Figure 55